HISTOIRE
PHYSIQUE, NATURELLE ET POLITIQUE
DE
MADAGASCAR.

PARIS,

LIBRAIRIE HACHETTE ET CIE,

BOULEVARD SAINT-GERMAIN, 79.

HISTOIRE

PHYSIQUE, NATURELLE ET POLITIQUE

DE

MADAGASCAR

PUBLIÉE

PAR ALFRED GRANDIDIER.

VOLUME XV.

HISTOIRE NATURELLE DES OISEAUX

PAR

MM. ALPH. MILNE EDWARDS ET ALF. GRANDIDIER.

TOME IV. — ATLAS. — III.

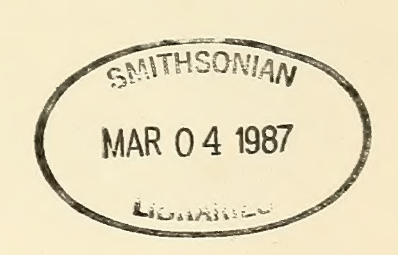


PARIS.

IMPRIMÉ, PAR AUTORISATION DE M. LE GARDE DES SCEAUX,

À L'IMPRIMERIE NATIONALE.

M DCCC LXXXI.





Keulemans pinx.t

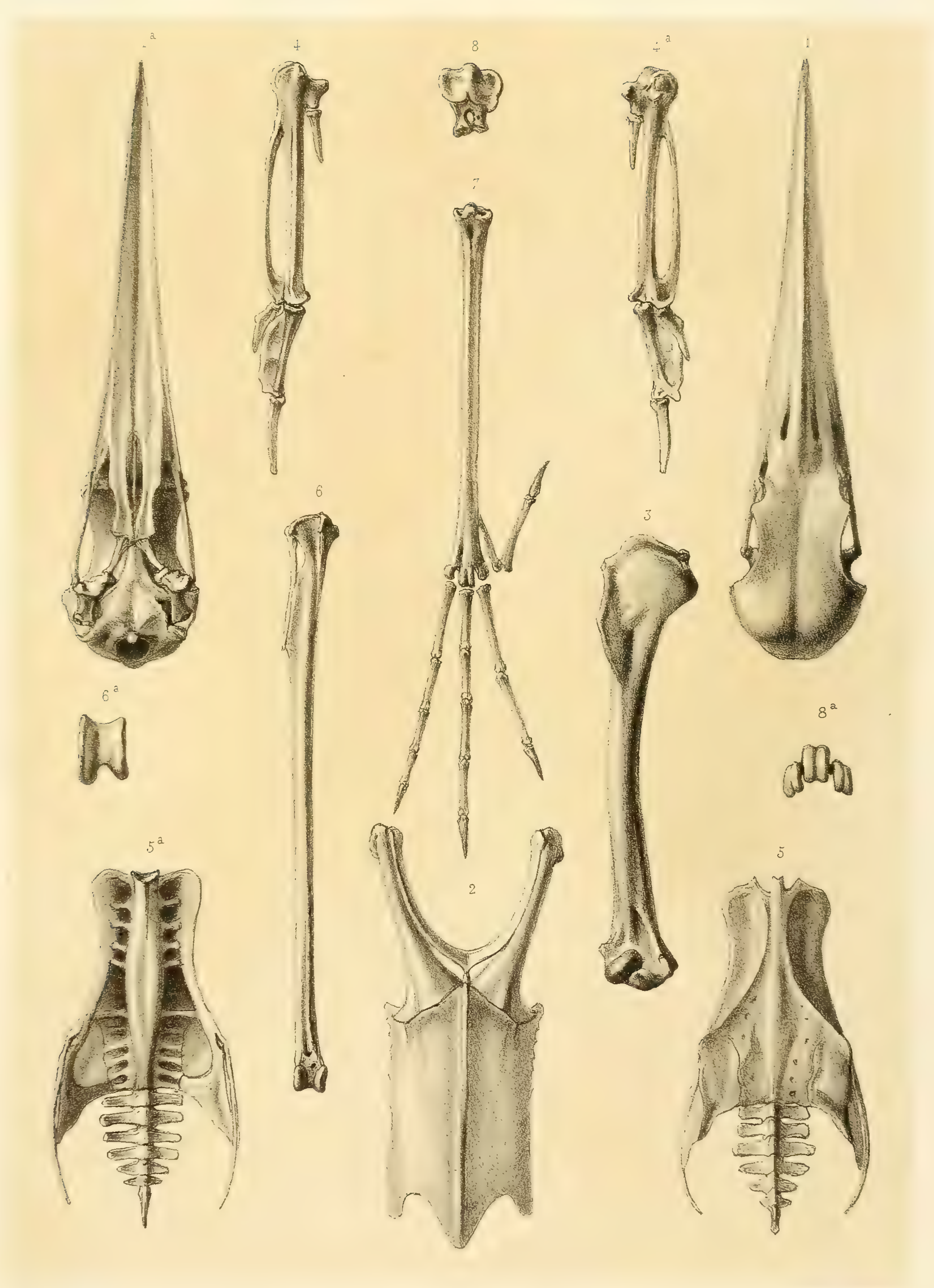
Imp. Becquet, Paris.

Scopus umbretta.



Louveau lith.   Imp. Becquet, Paris

Scopus umbretta.



Levreau lith.

Imp. Becquet Paris

Scopus umbretta.

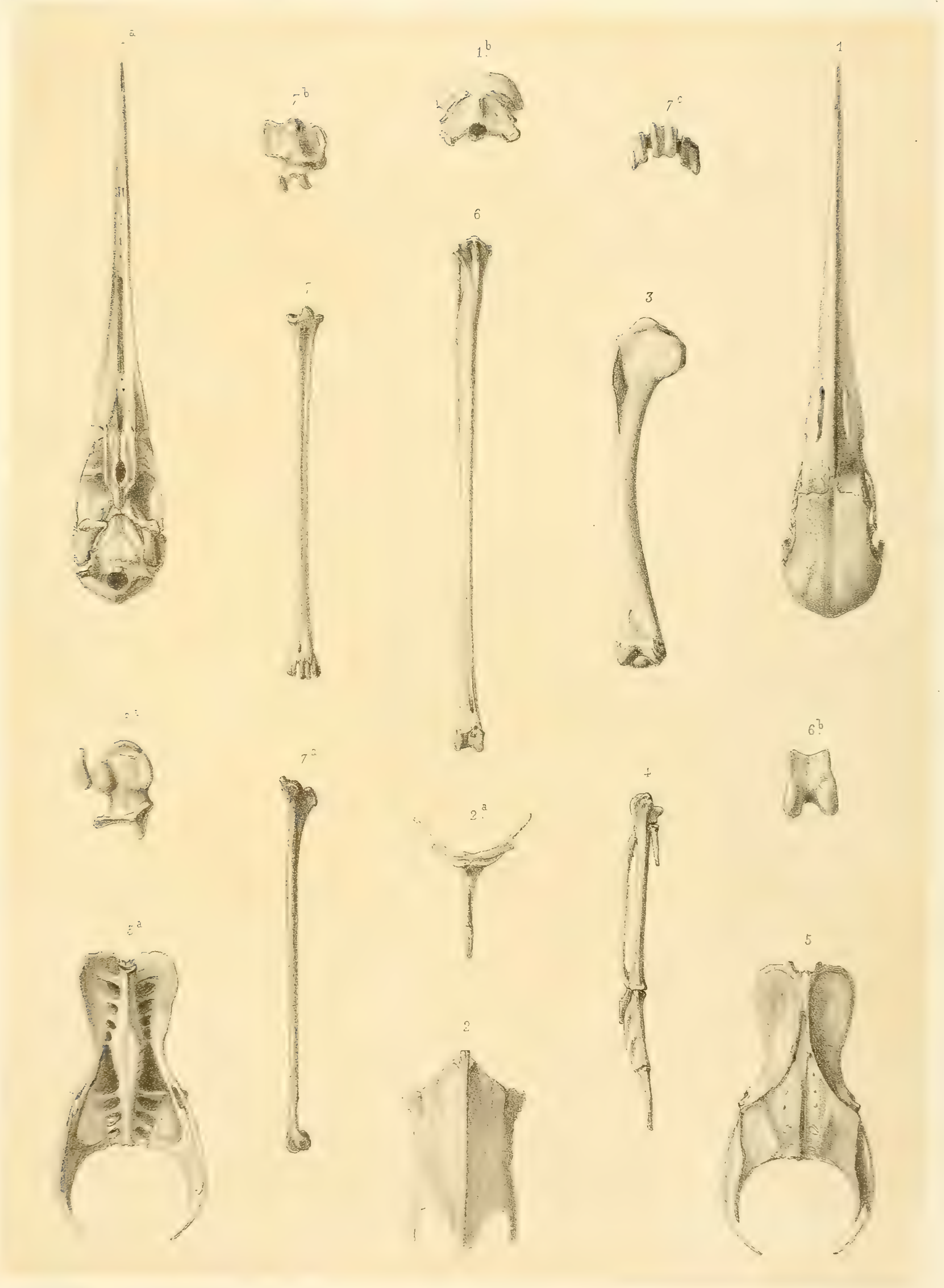


Anastomus madagascariensis.



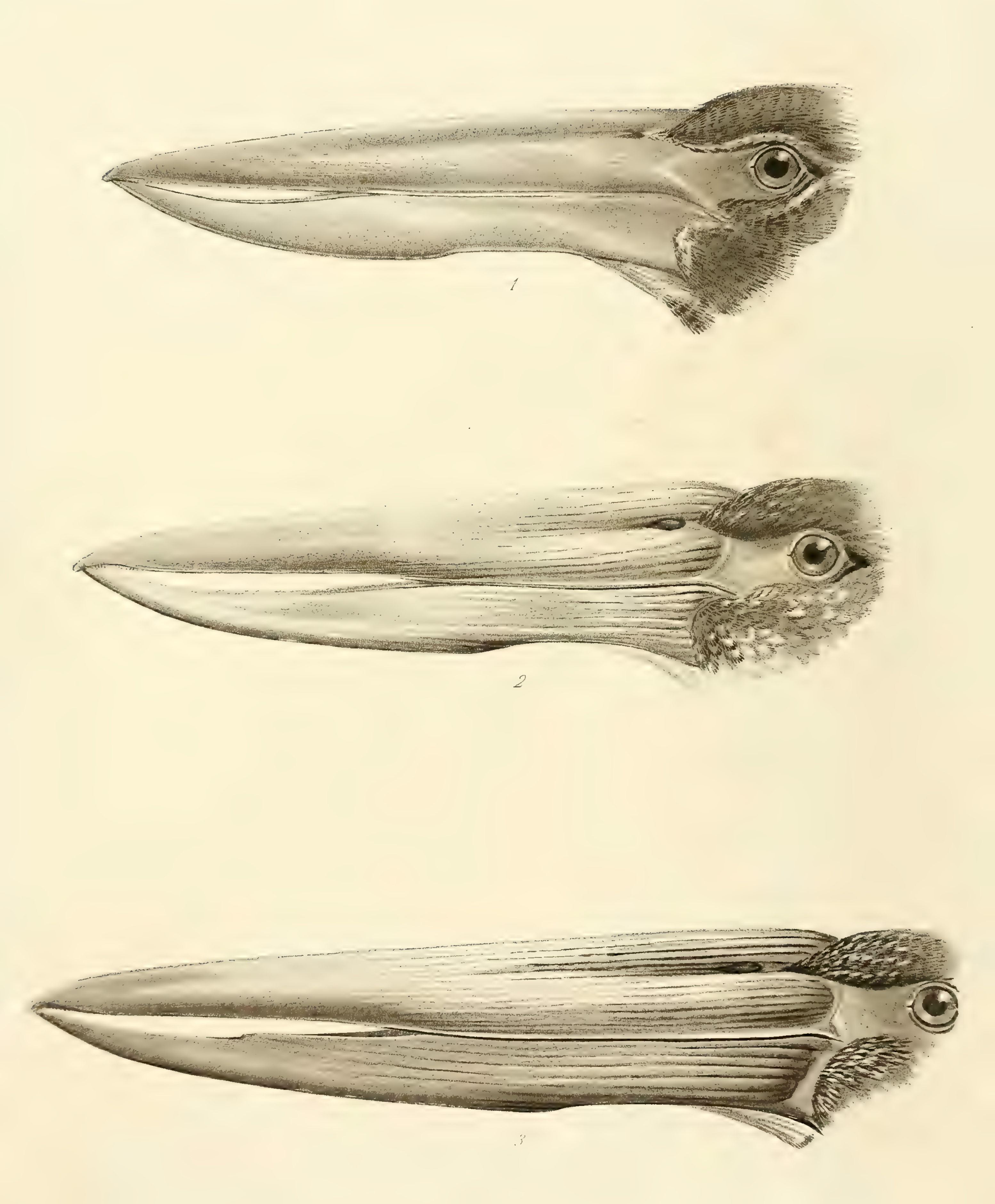
Louveau lith. Imp. Becquet, Paris.

Anastomus madagascariensis.



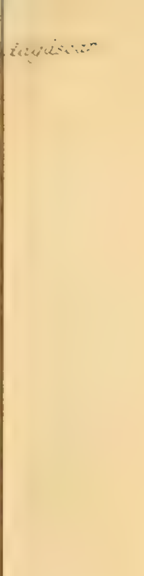
Imp. [illegible] Paris.

Anastomus madagascariensis.



Keulemans. del.

Anastomus madagascariensis



Keulemans del.

Anastomus madagascariensis

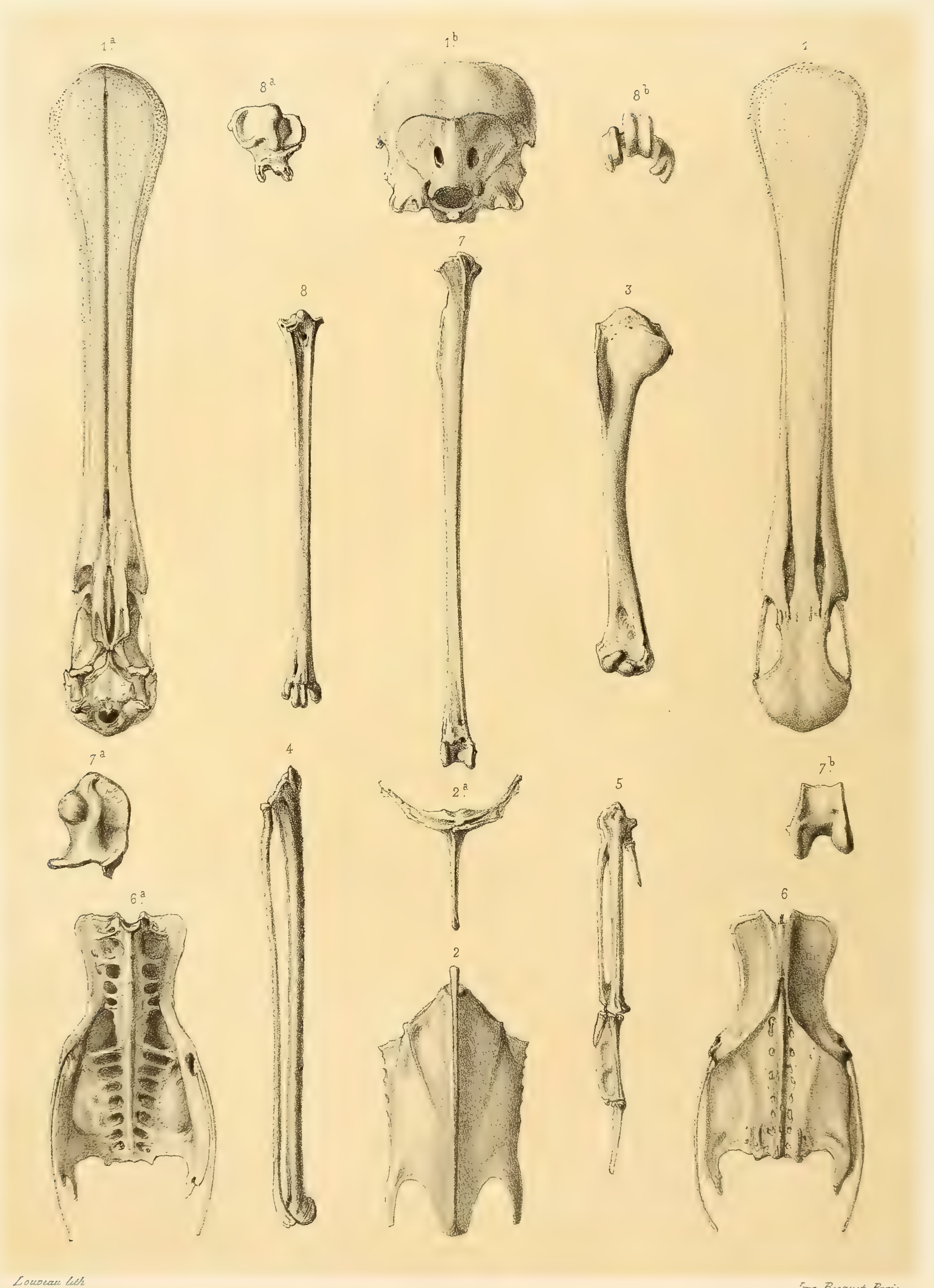


Platalea Telfairi



Lavocau lith. Imp. Becquet, Paris.

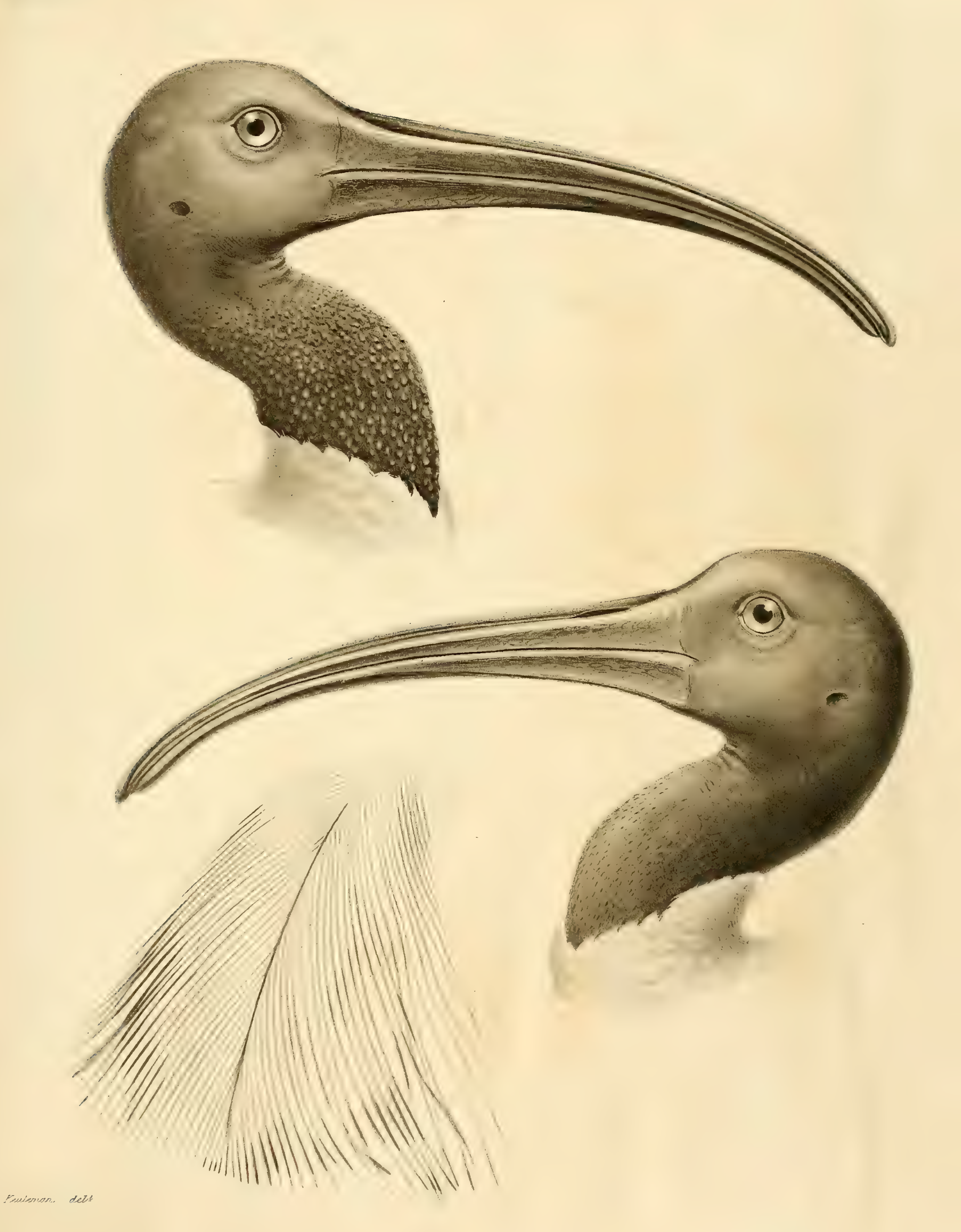
Platalea Telfairii.



Louveau lith

Imp. Becquet, Paris.

Platalea Telfairii.



Ibis æthiopica, var. Bernieri.



Keulemans pinx.t

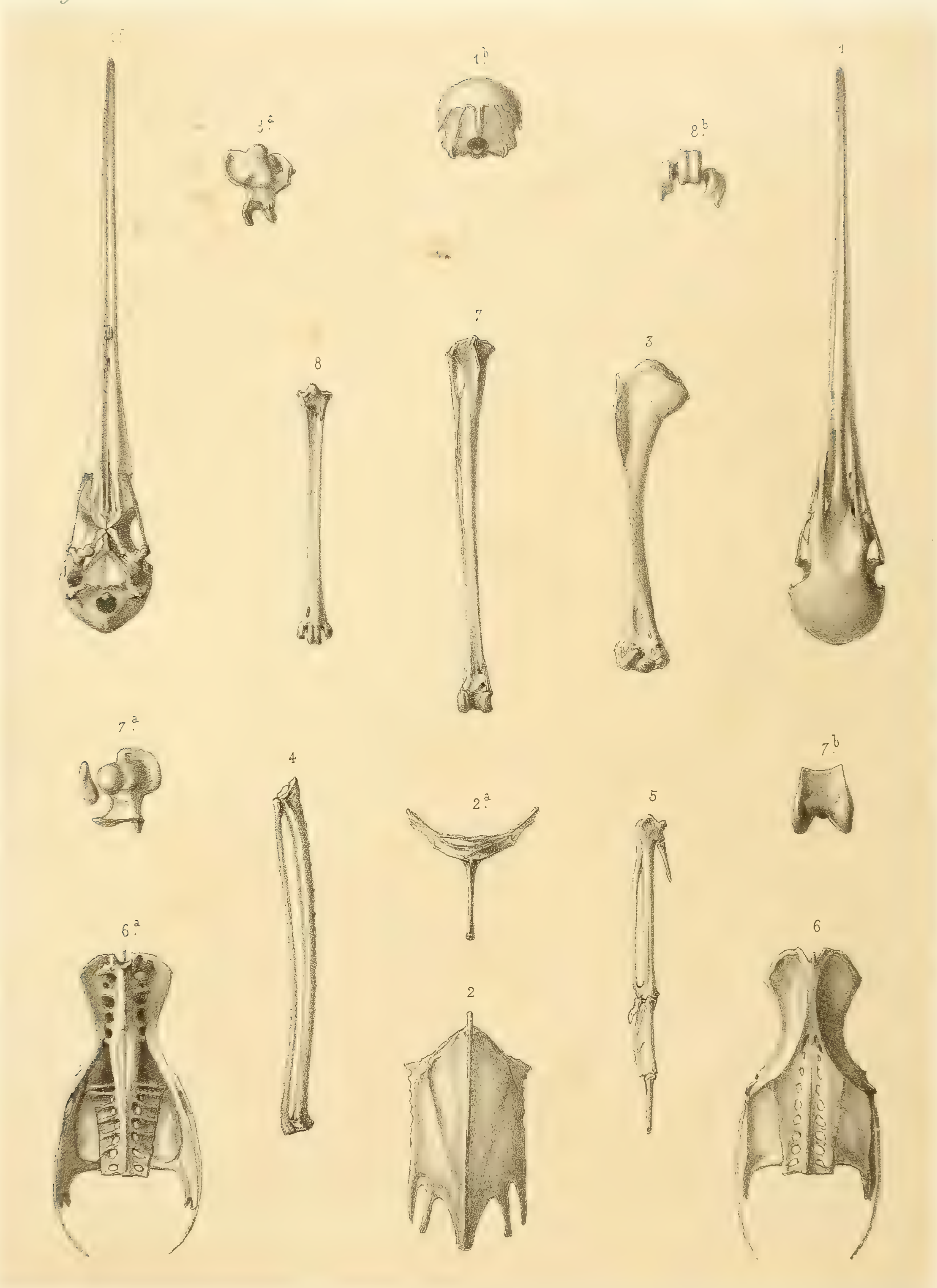
Ibis æthiopica, var. Bernieri.





Louveau lith. Imp. Becquet, Paris.

Ibis Bernieri.



Louveau lith *Imp. Becquet, Paris.*

Ibis Bernieri.



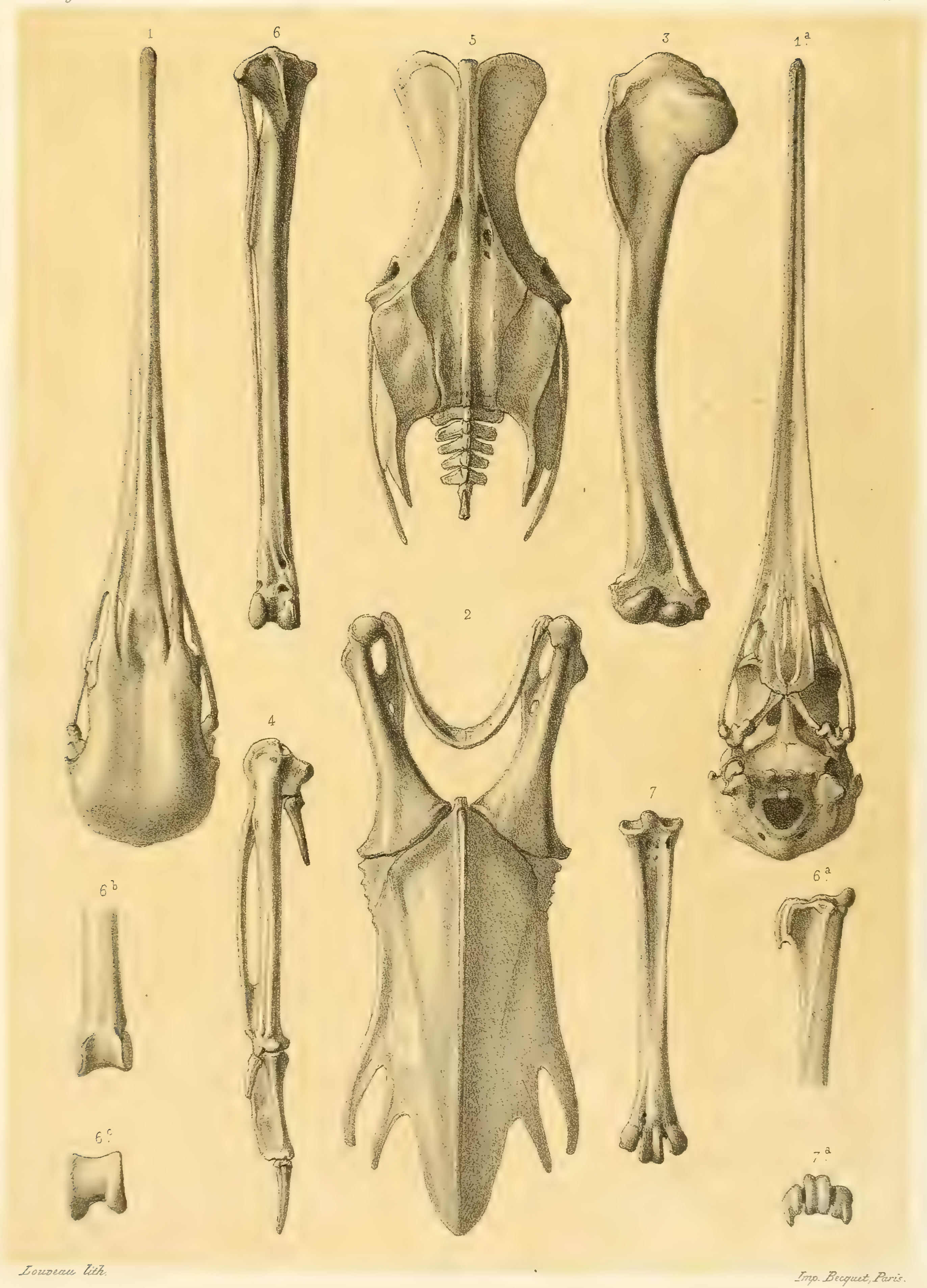
Ibis cristata.





Imp. Becquet Paris

Ibis cristata.



Louveau lith. Imp. Becquet, Paris.

Ibis cristata.



Ardea ardesiaca



Keulemans pinx.

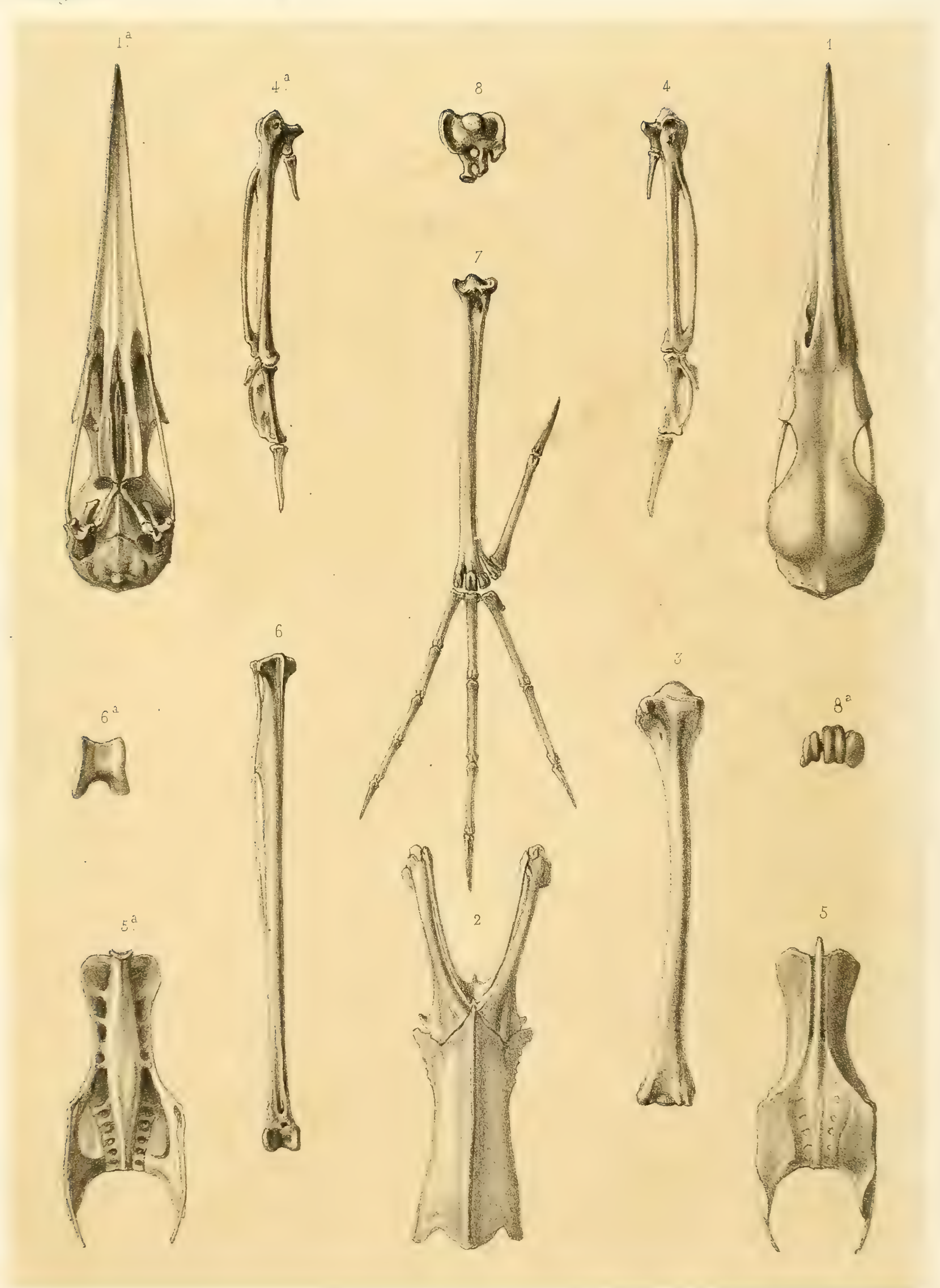
Ardea Idæ.





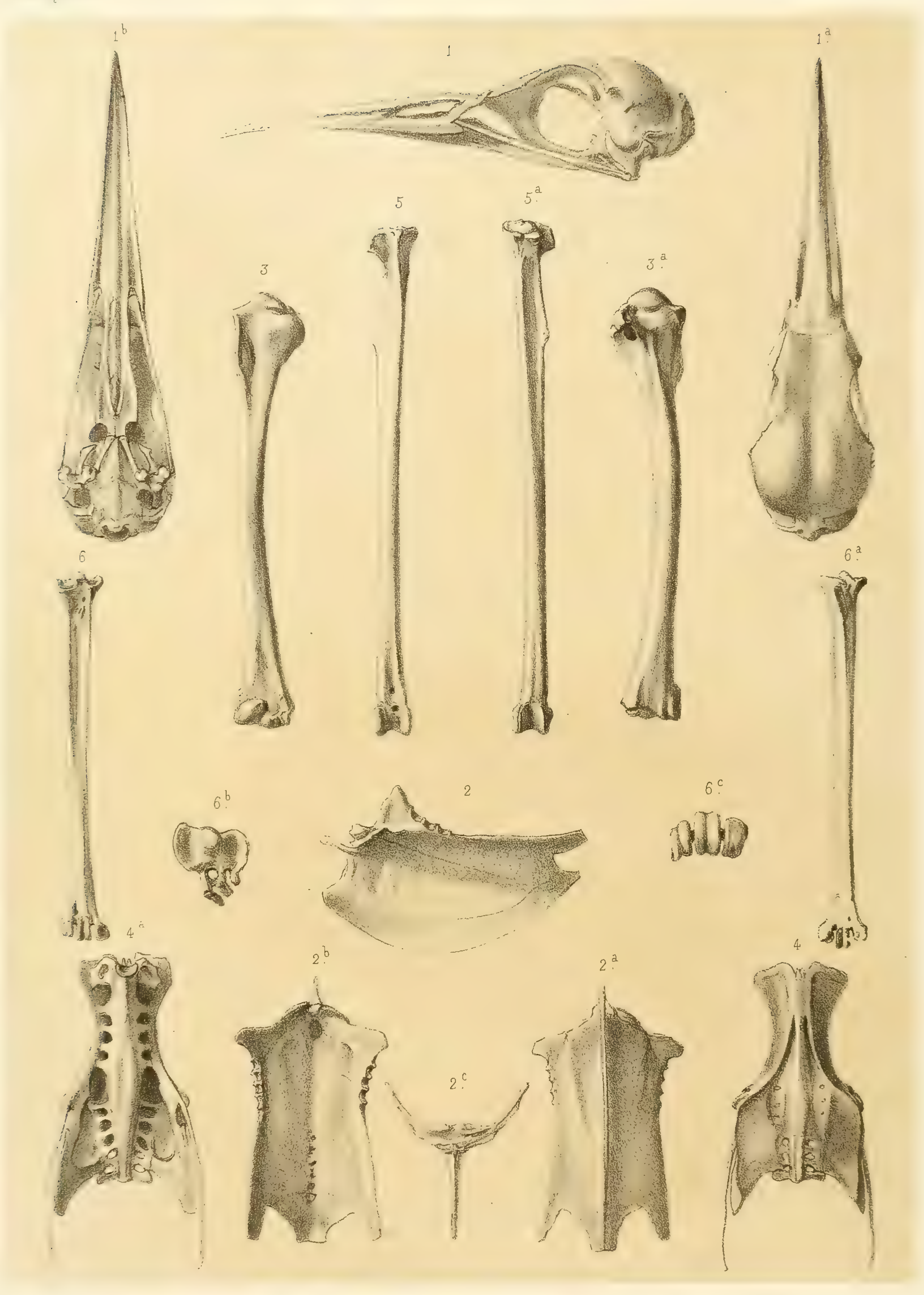
Terreau lith. Imp. Becquet Paris

Ardea Idæ.



Louveau lith. Imp. Becquet Paris

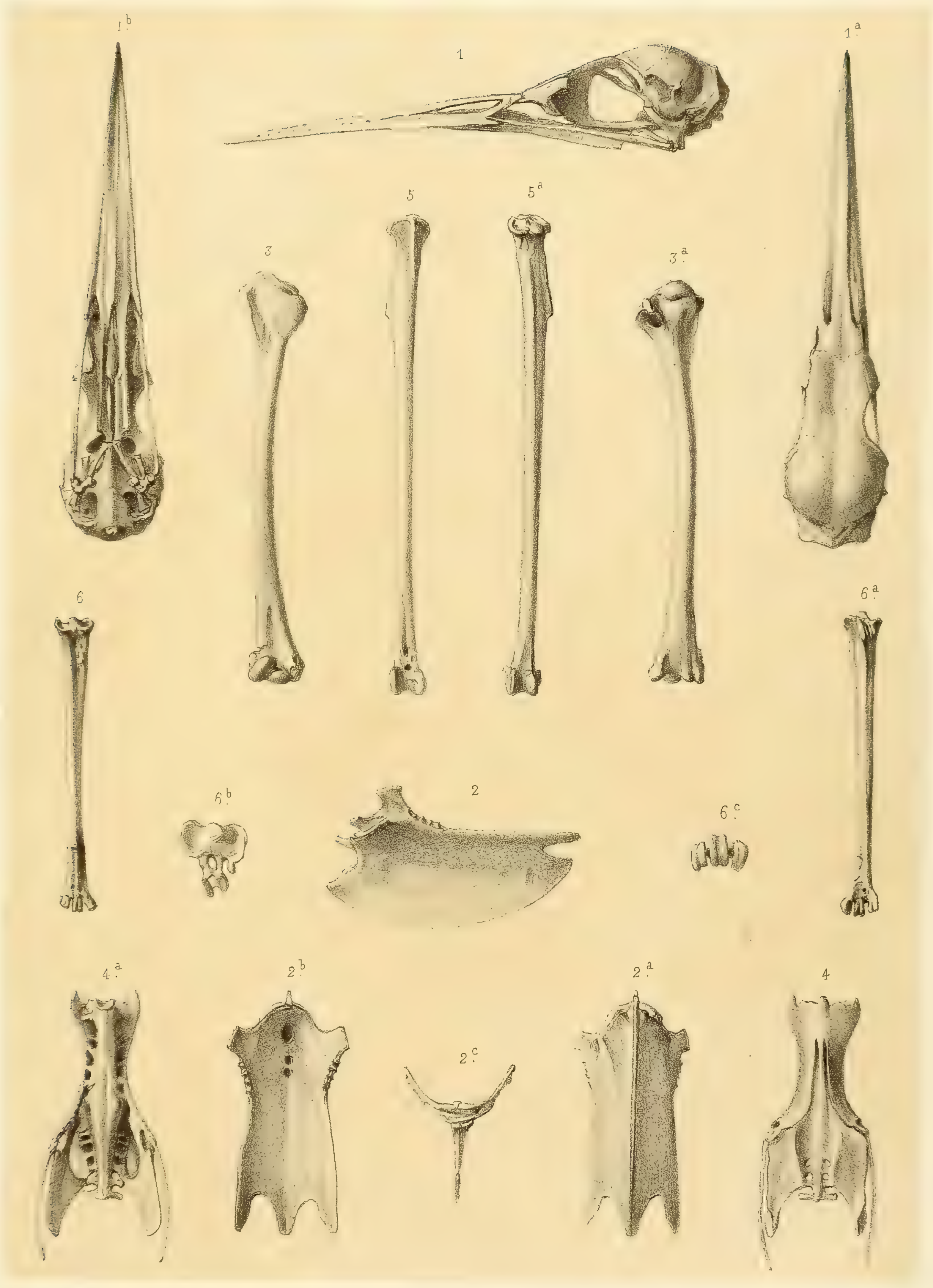
Ardea Idæ.



[illegible] lith

Imp. Becquet, Paris

Ardea bubulcus.



Eudeau del. Imp. Becquet, Paris.

Ardea comata.



Keulemans pinx^t

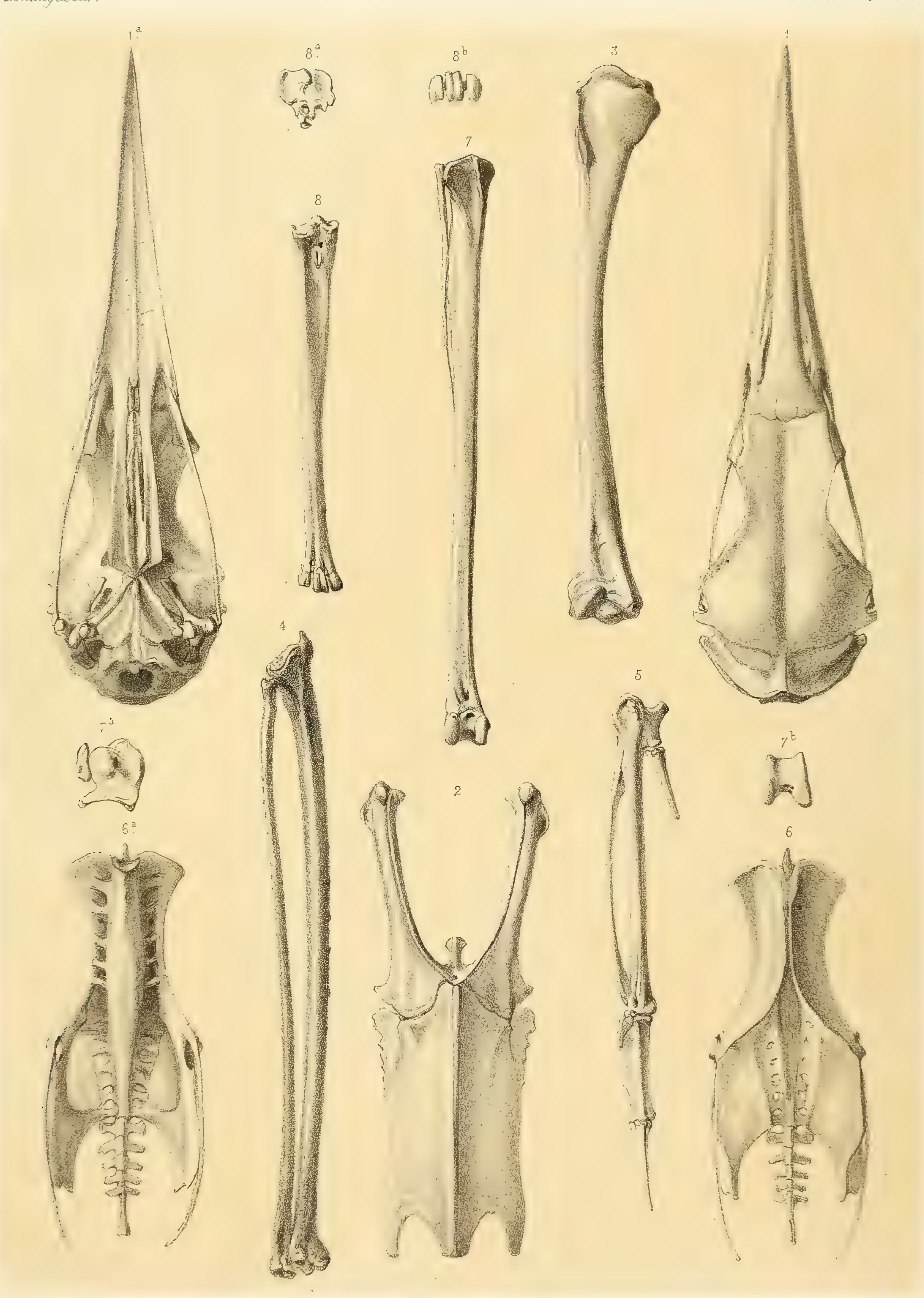
Imp. Becquet Paris

Ardea atricapilla, var. Rutenbergi.





Nycticorax europæus.



Louveau lith.

Nycticorax europœus.



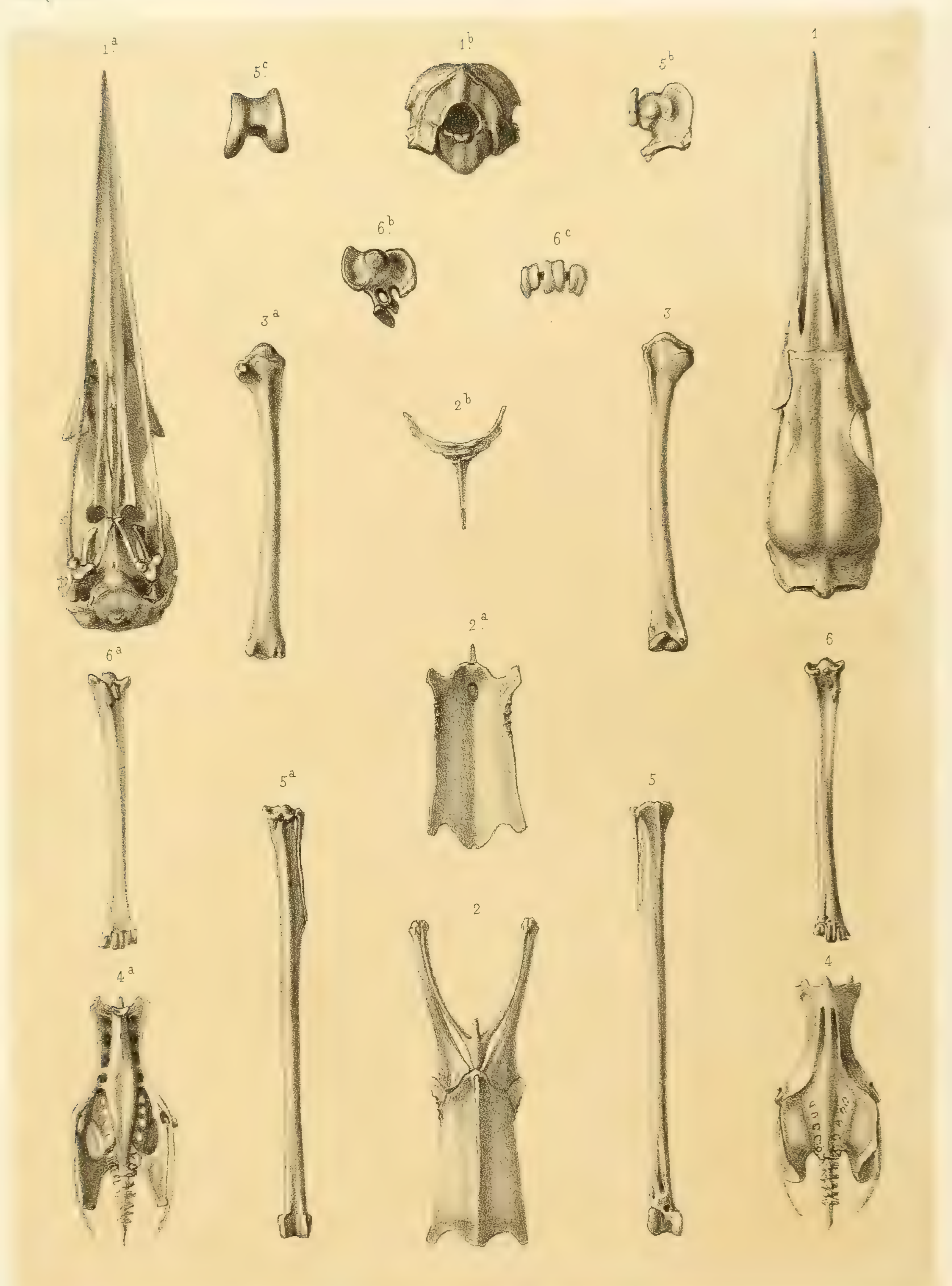
Ardea minuta var. podiceps.





... lith Imp. Becquet Paris

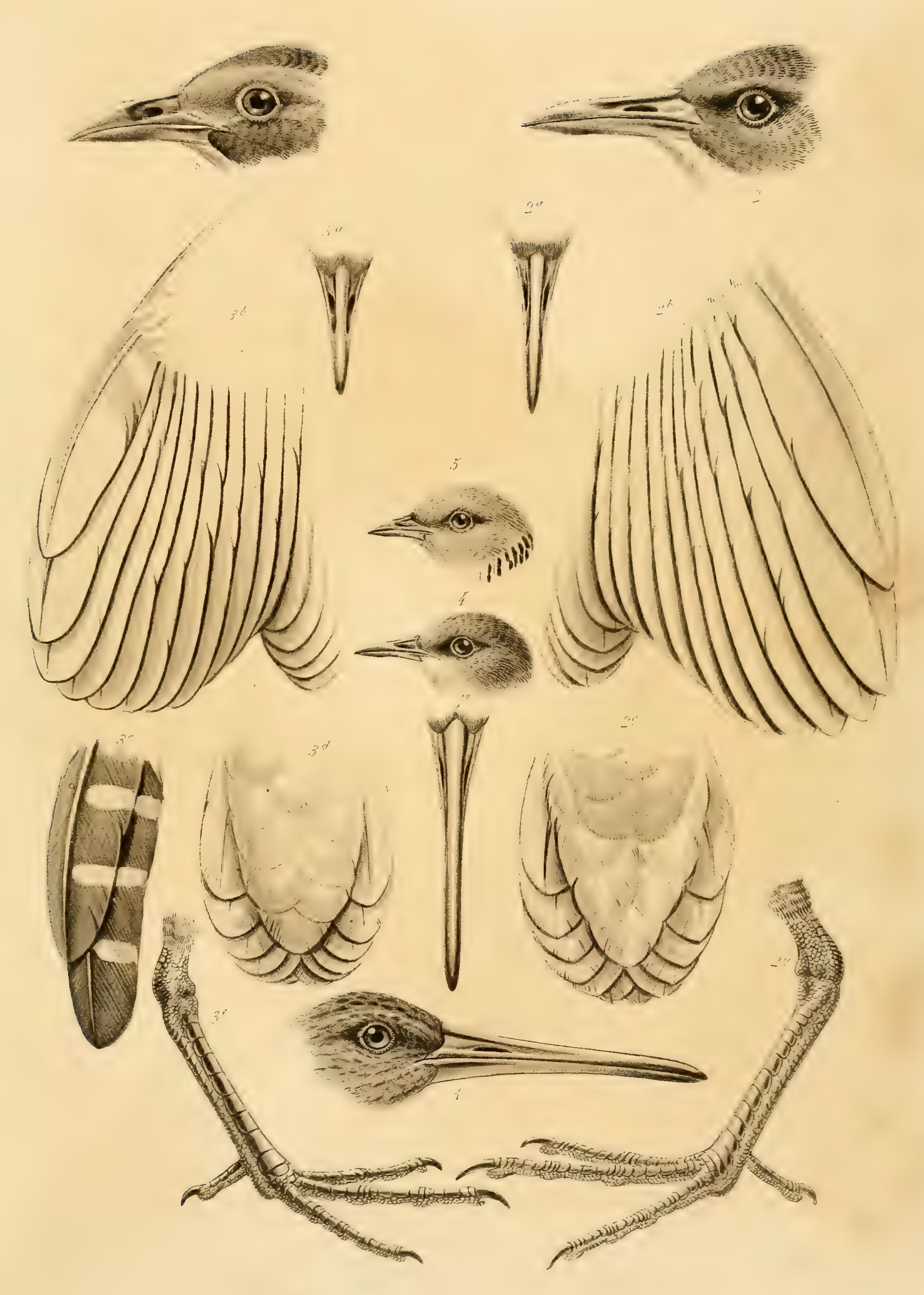
Ardea minuta, var. podiceps.



Louveau lith.

Imp. Becquet, Paris

Ardea minuta, var. podiceps.



Keulemans . del.

1. Rallus madagascariensis._2. R. gularis._3. Canirallus griseofrons._4. Ortygometra Watersi._5. O. insularis.

Madagascar. Oiseaux Pl. [illegible]

Keulemans pinx^t

Rallus madagascariensis



Rallus gul



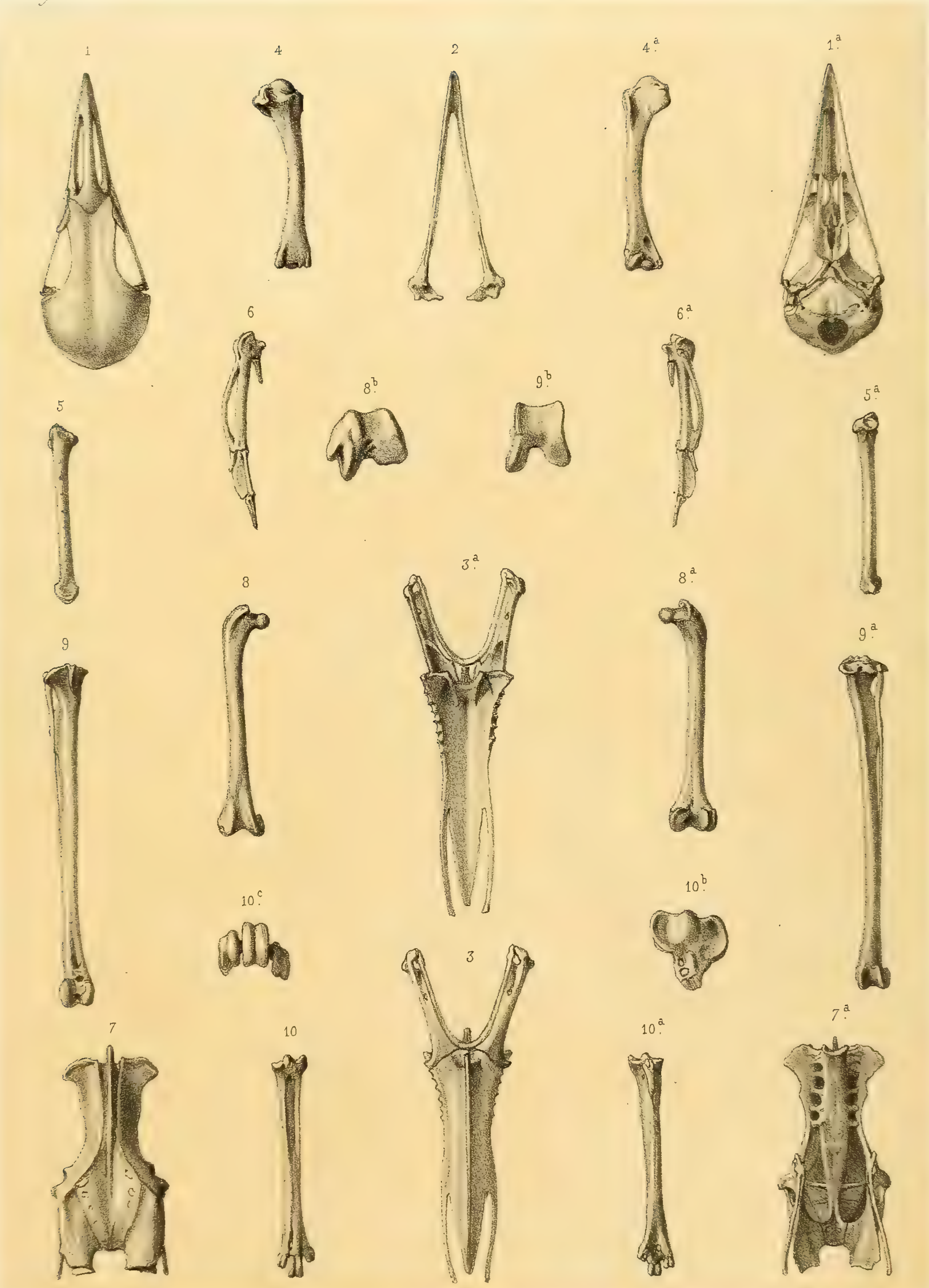
Canirallus griseofrons.



Louveau lith.

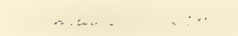
Imp. Becquet, Paris

Canirallus griseofrons.



Loriveau lith.
Imp. Buquet Paris

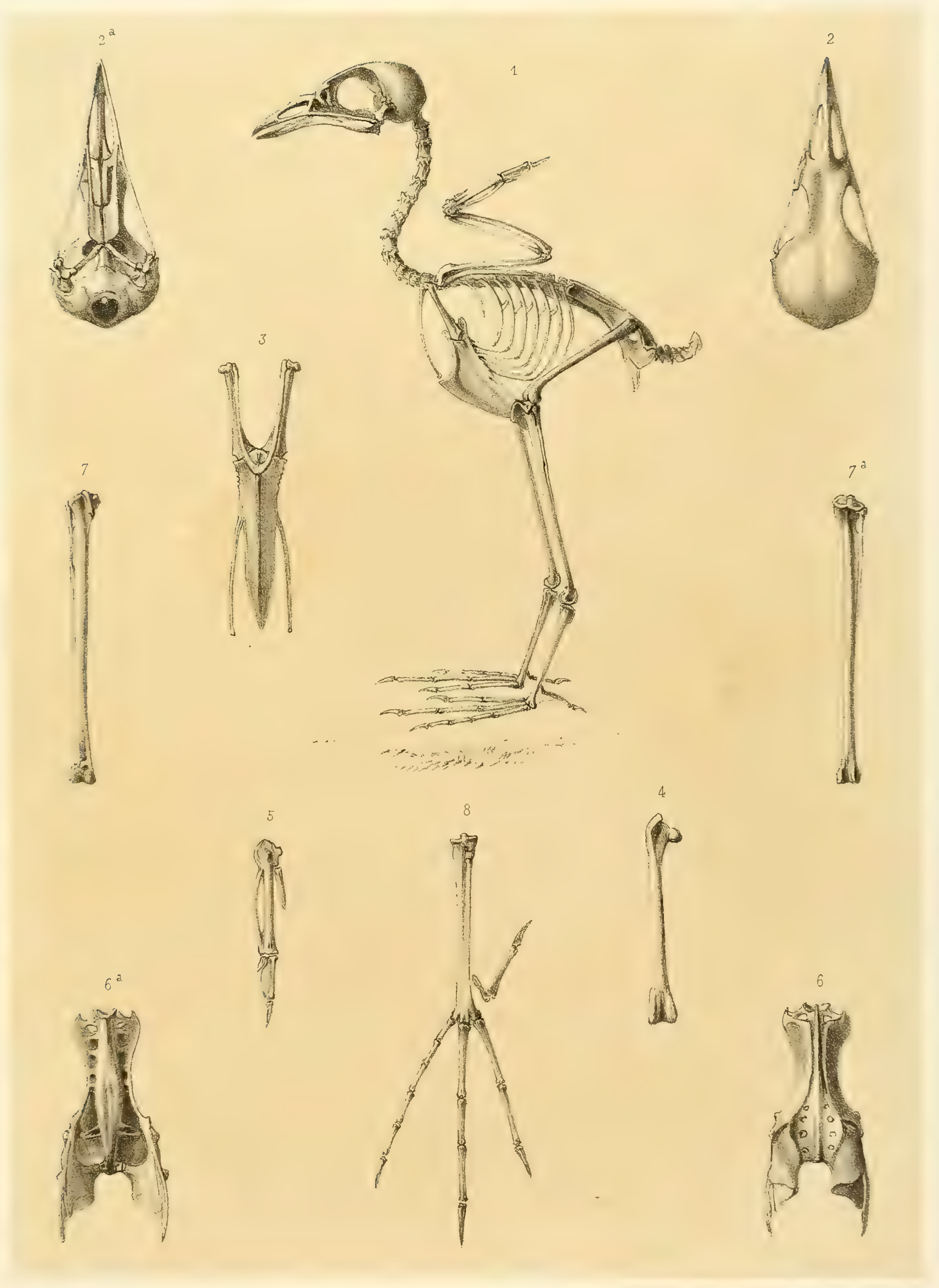
Canirallus griseofrons.



Ortyx [illegible]ra Waters.



Ortygometra insularis



Louveau lith. Imp. Becquet, Paris

Ortygometra insularis.



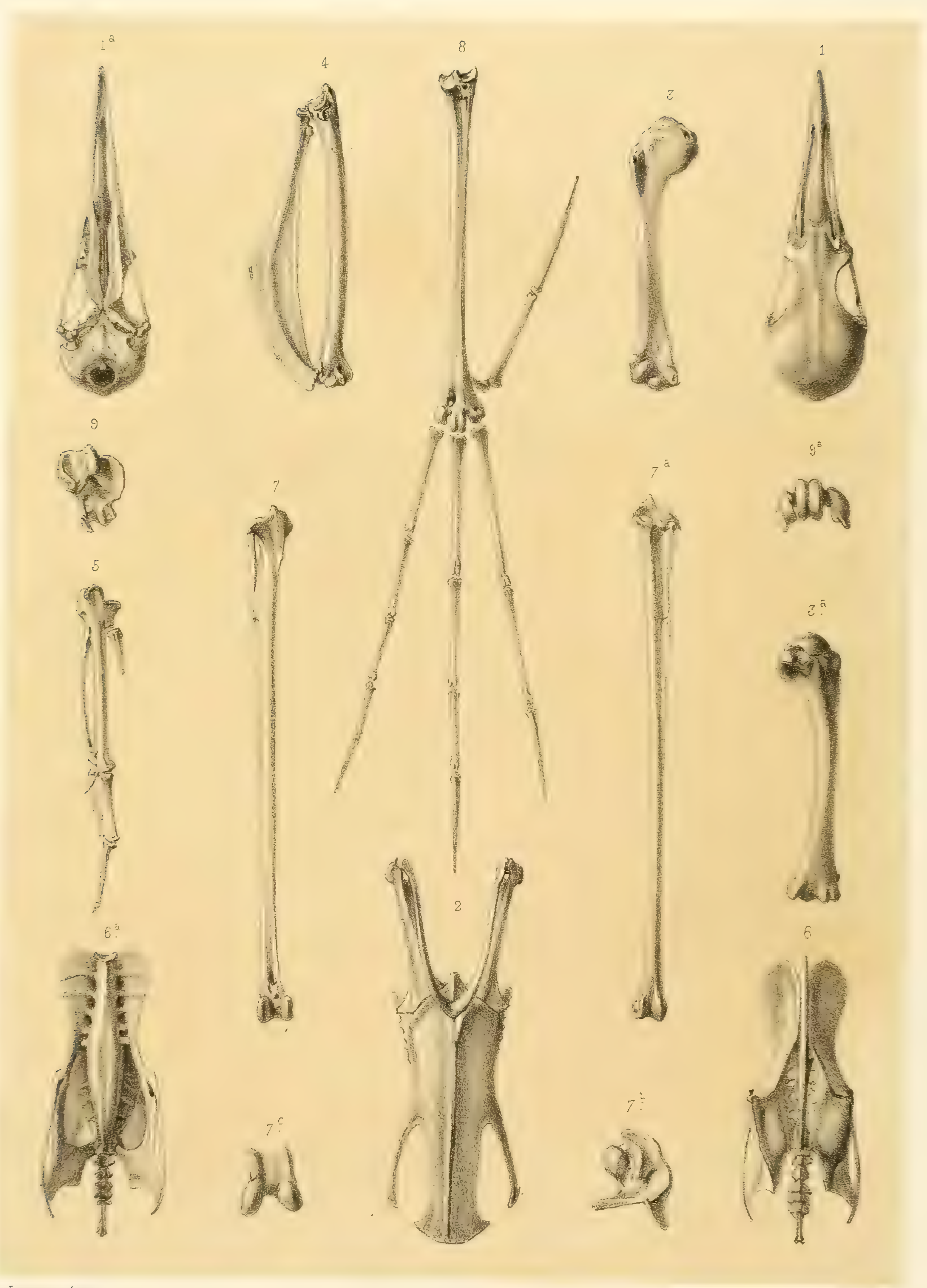
Keulemans pinx.t Imp Becquet Paris

Parra albinucha.



Louveau lith. Imp. Becquet, Paris.

Parra albinucha.



Parra albinucha.



Keulemans pinx.t

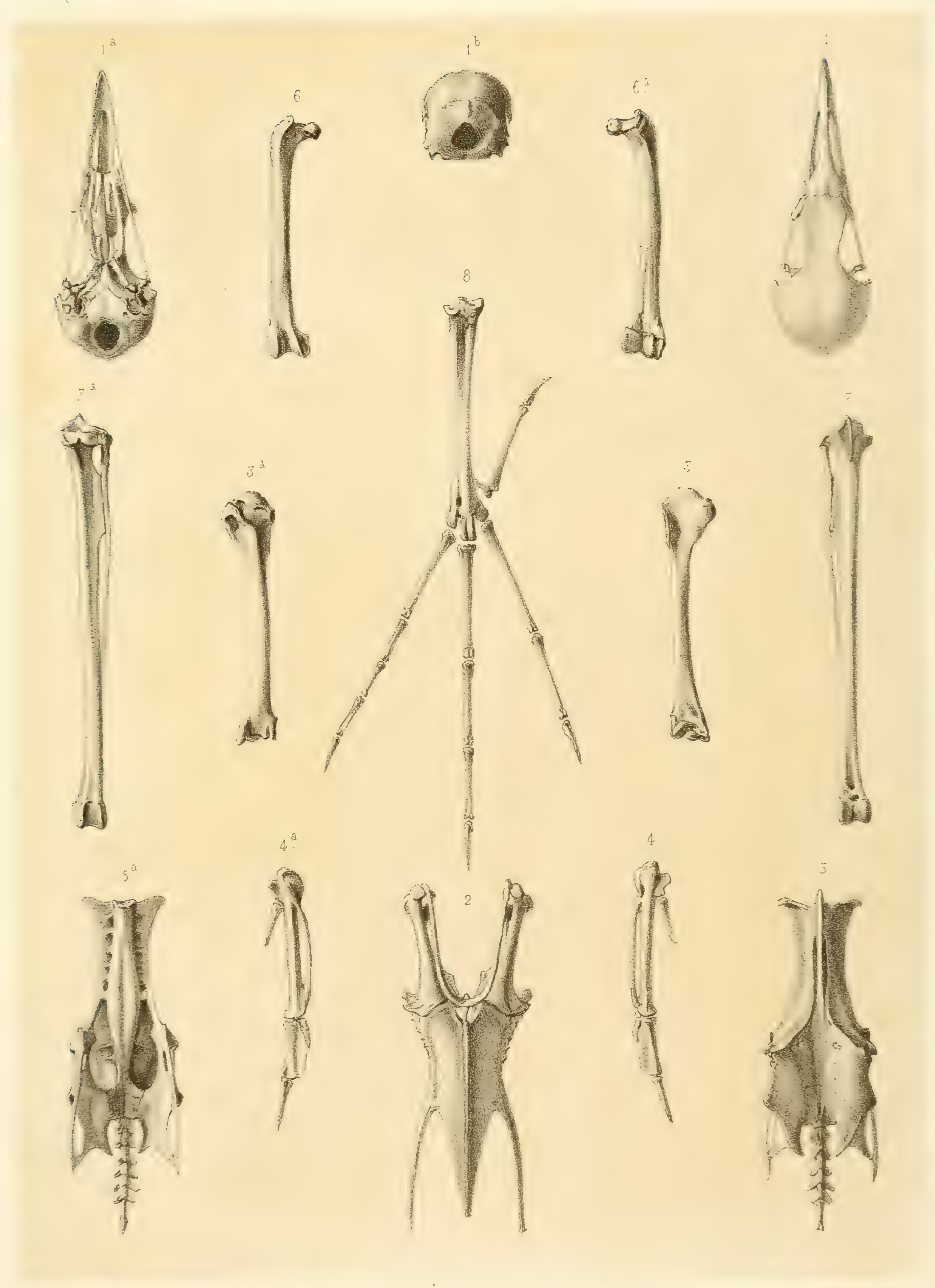
Imp. Becquet, Paris

Gallinula chloropus, var. pyrrhorhoa.



Louveau lith. Imp. Becquet, Paris

Gallinula chloropus, var. pyrrhorhoa.



Gallinula chloropus, var. pyrrhorhoa.



Sinlemans pinx.^t

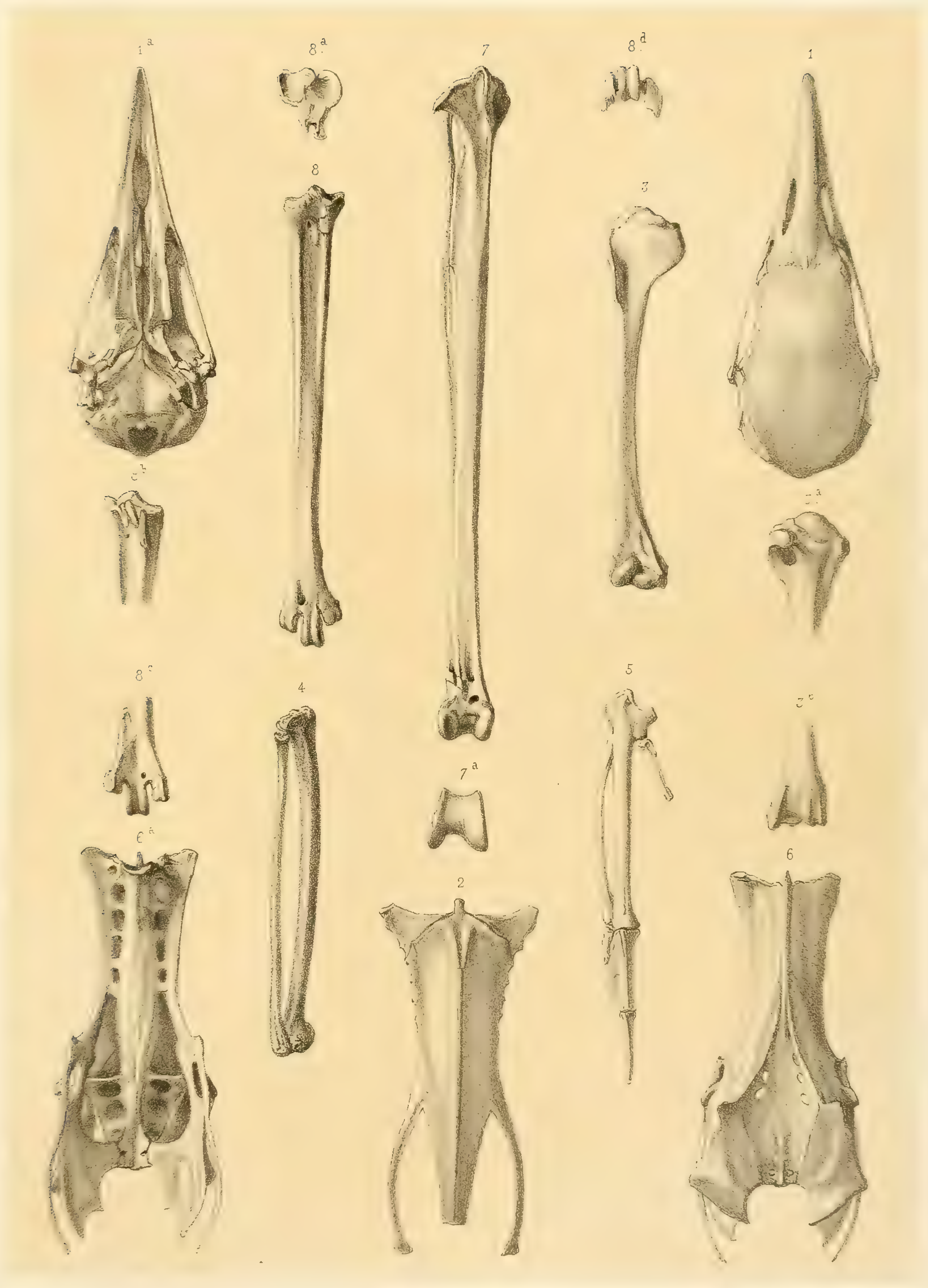
Porphyrio smaragnotus





Lenoreau lith. Imp. Becquet Paris.

Porphyrio smaragnotus.



Porphyrio smaragnotus



Porphyrio alleni





Mesites variegata





Keulemans pinx.

Imp. Becquet Paris

Mesites variegata.



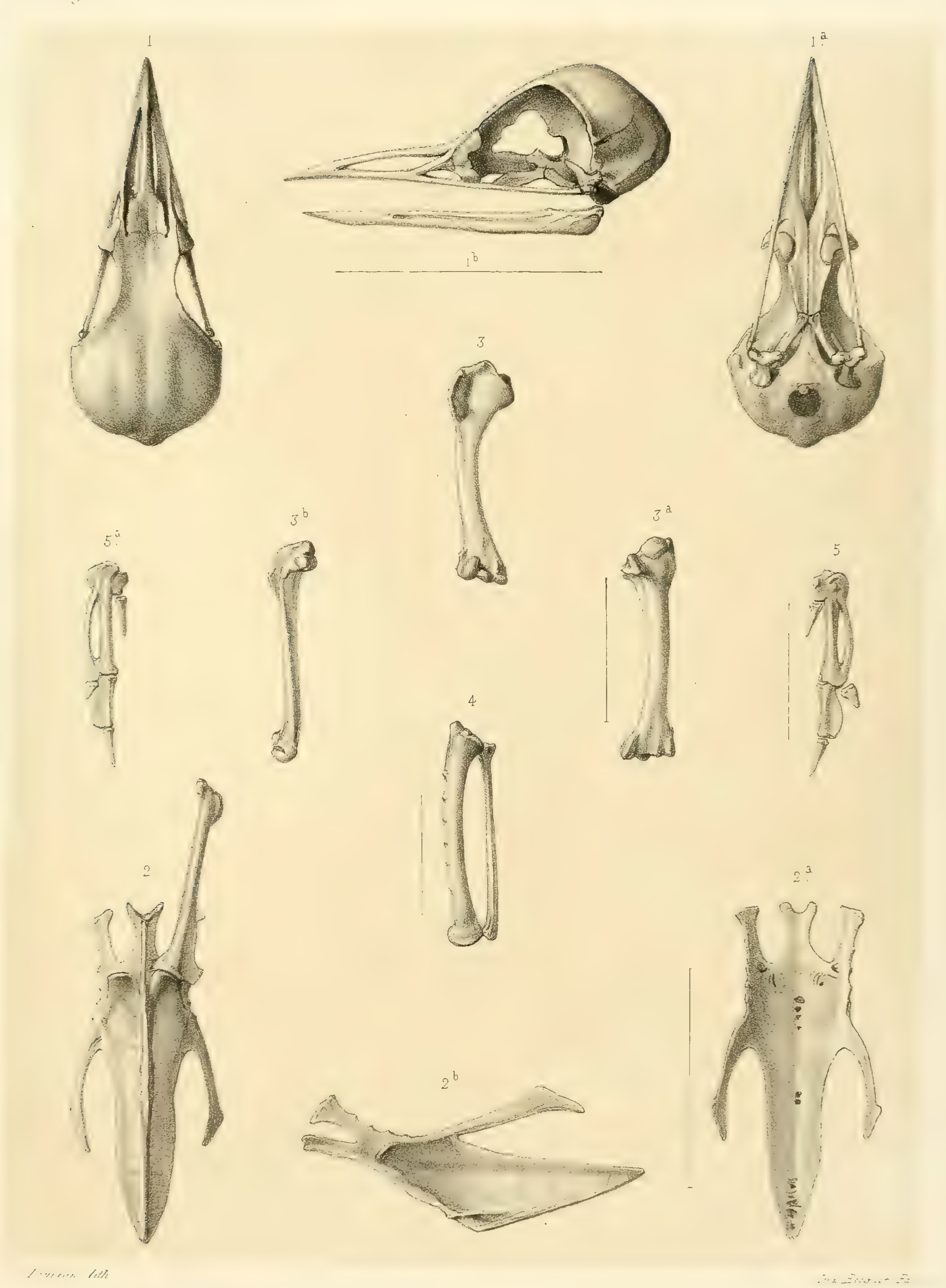
Keulemans . delt

Mesites variegata.

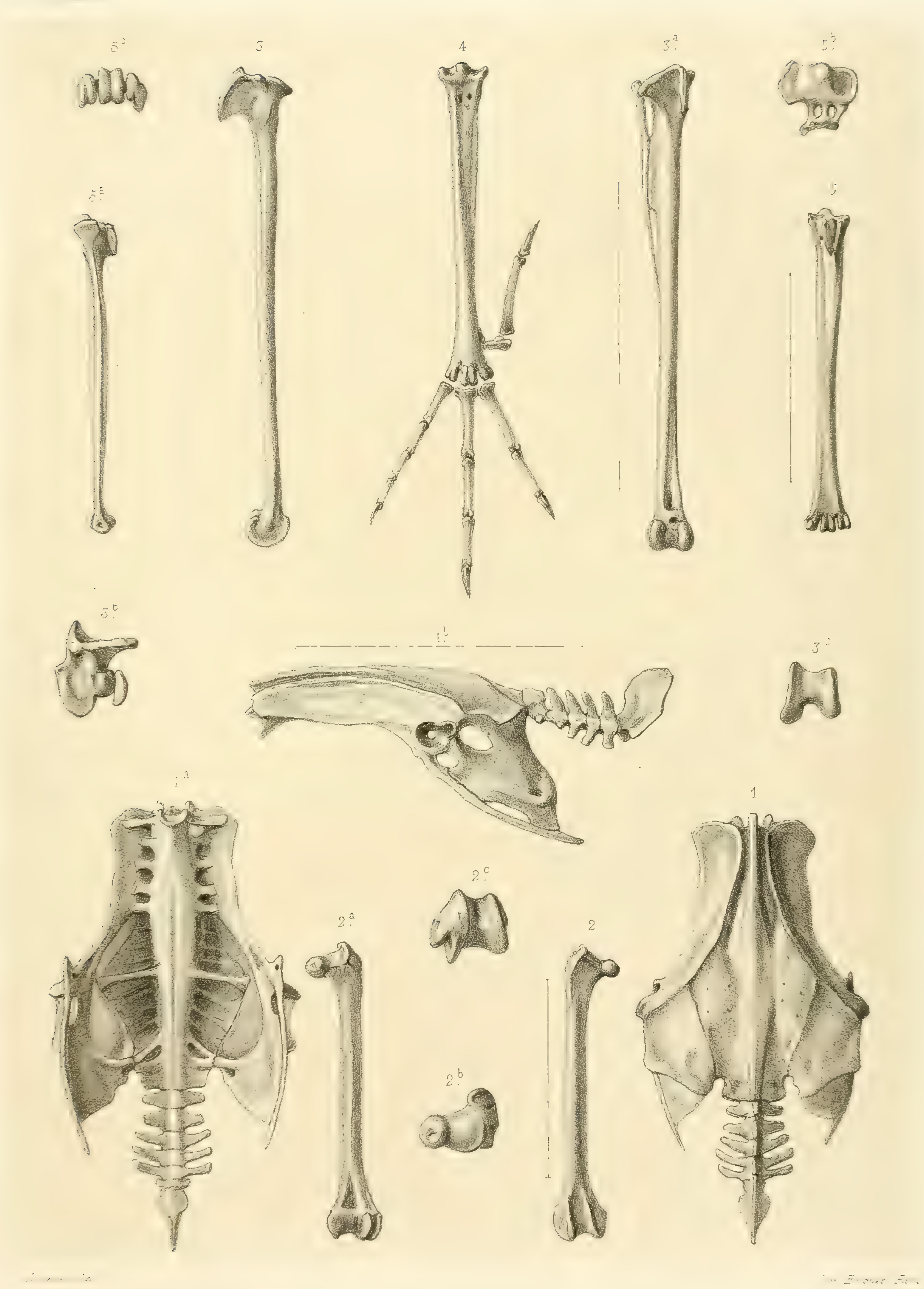


Louveau lith. Imp. Becquet, Paris.

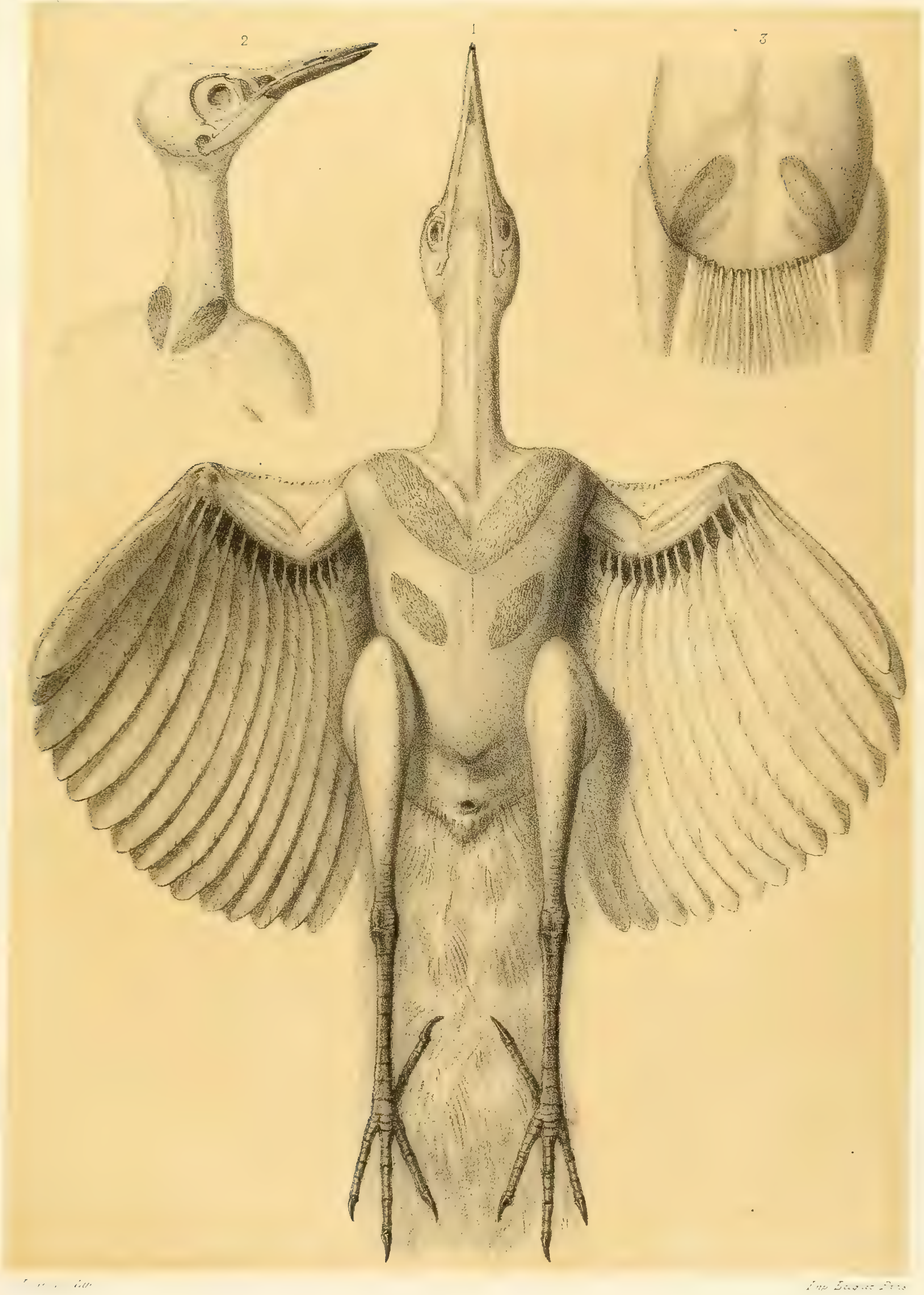
Mesites variegata.



Mesites vari-gata



Mesites variegata



Mesites variegata.



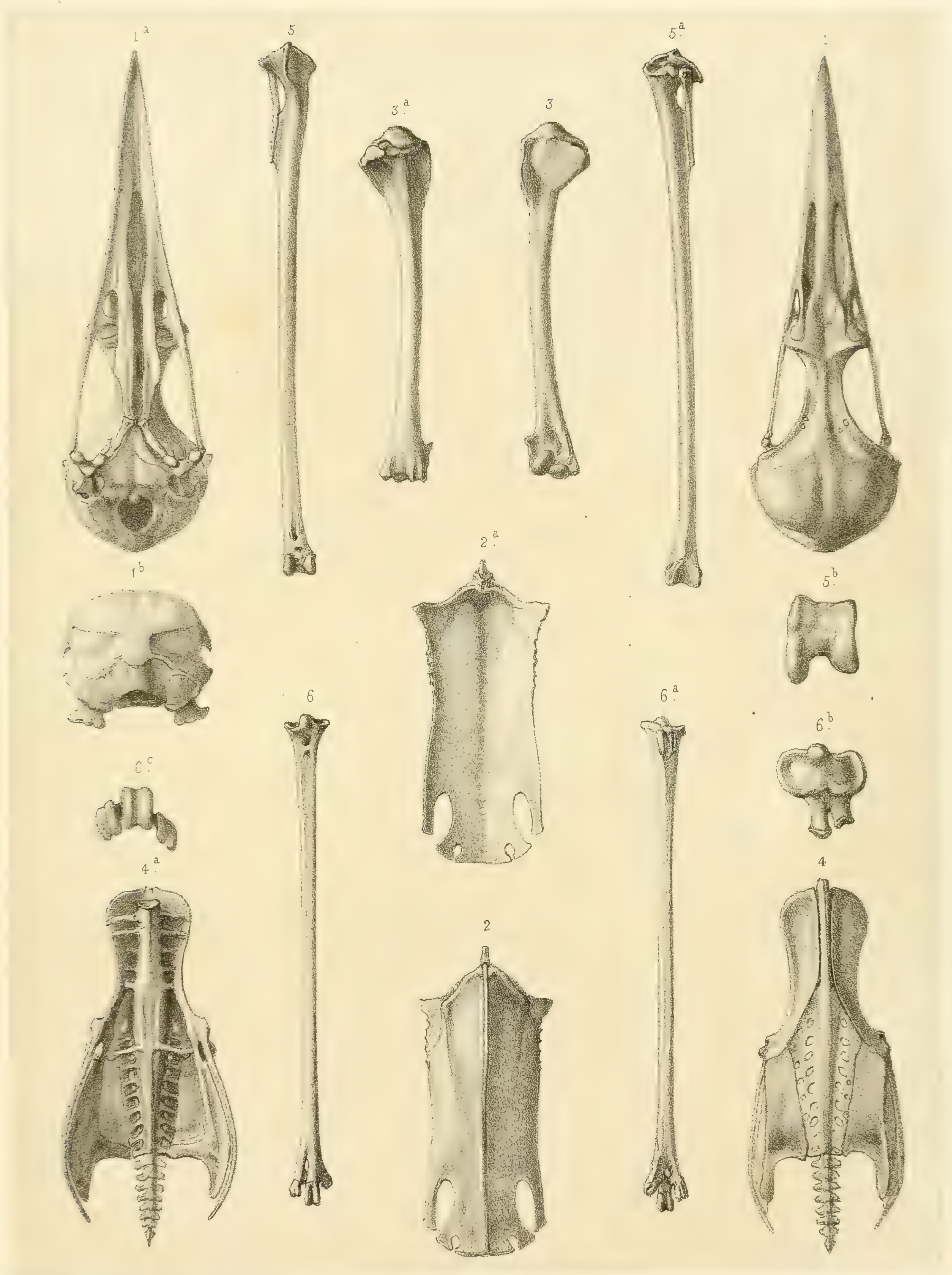
Louveau lith. Imp. Becquet, Paris.

Mesites variegata.



Louveau lith. Imp. Becquet, Paris

Dromas ardeola.



Lencean lith.

Dromas ardeola.



Numenius arquatus, var. madagascariensis.



Louveau lith.

Imp. Bequet, Paris.

Limosa rufa

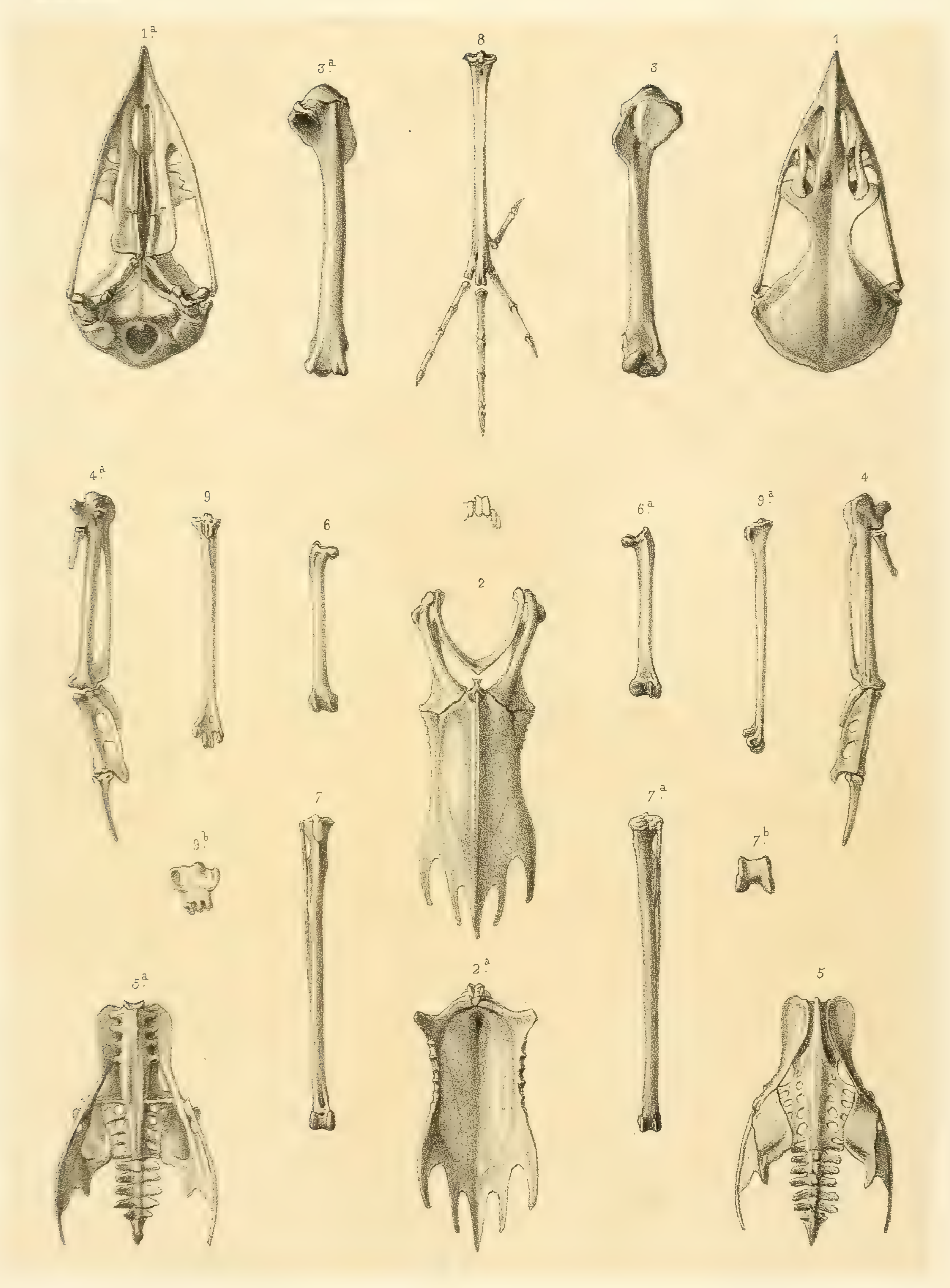


Glareola ocularis.



Lenoir lith

Glareola ocularis.



Lavoreau lith. Imp. Becquet, Paris.

Glareola ocularis.



Imp. Bécquet Paris

Himantopus autumnalis.



Keulemans pinx.^t Imp. Becquet Paris

Gallinago nigripennis, var. Bernieri.

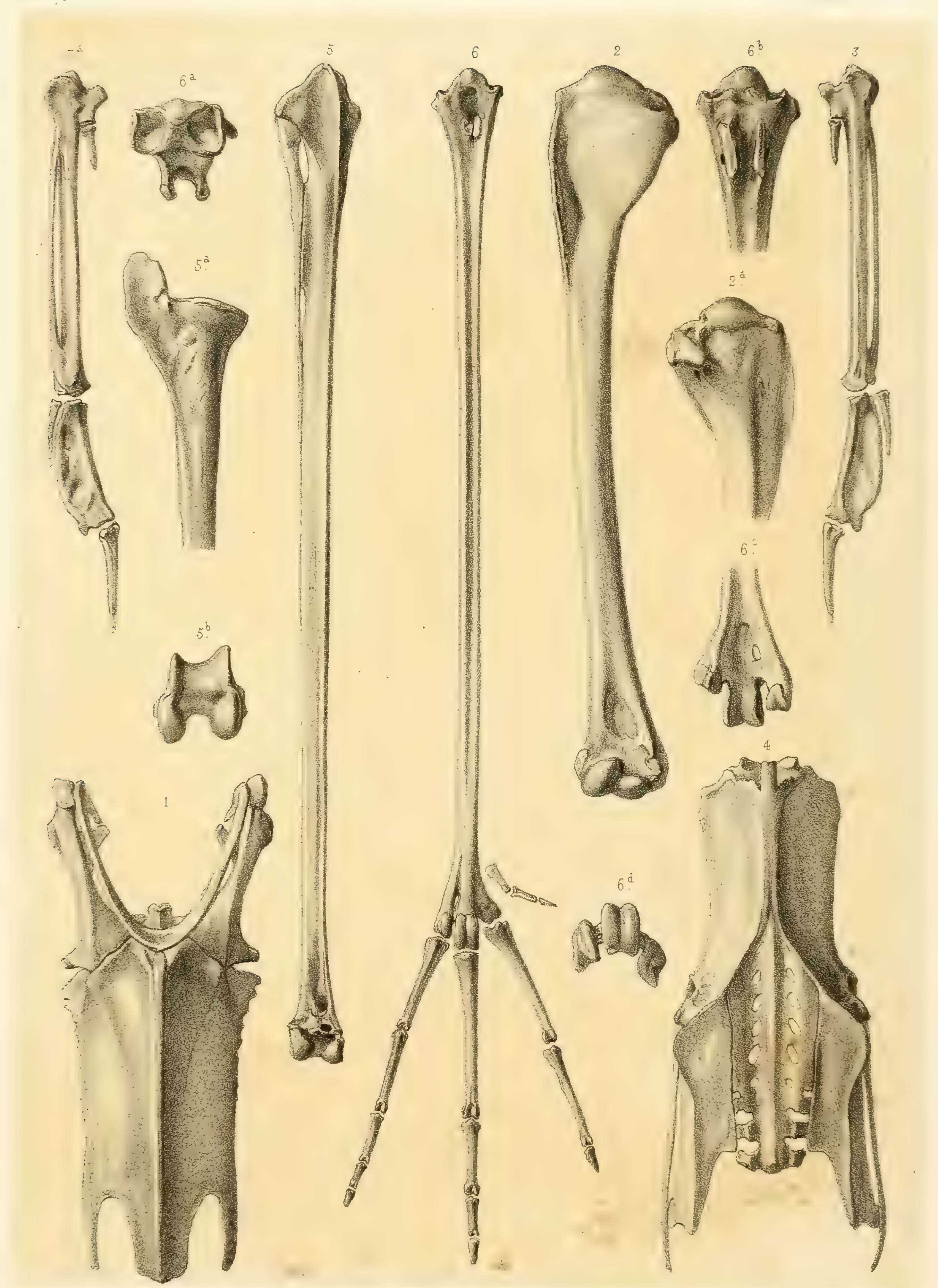


Keulemans pinx.

Rhynchæa capensis.



Phœnicopterus minor.



Phœnicopterus minor.



Keulemans pinx.t

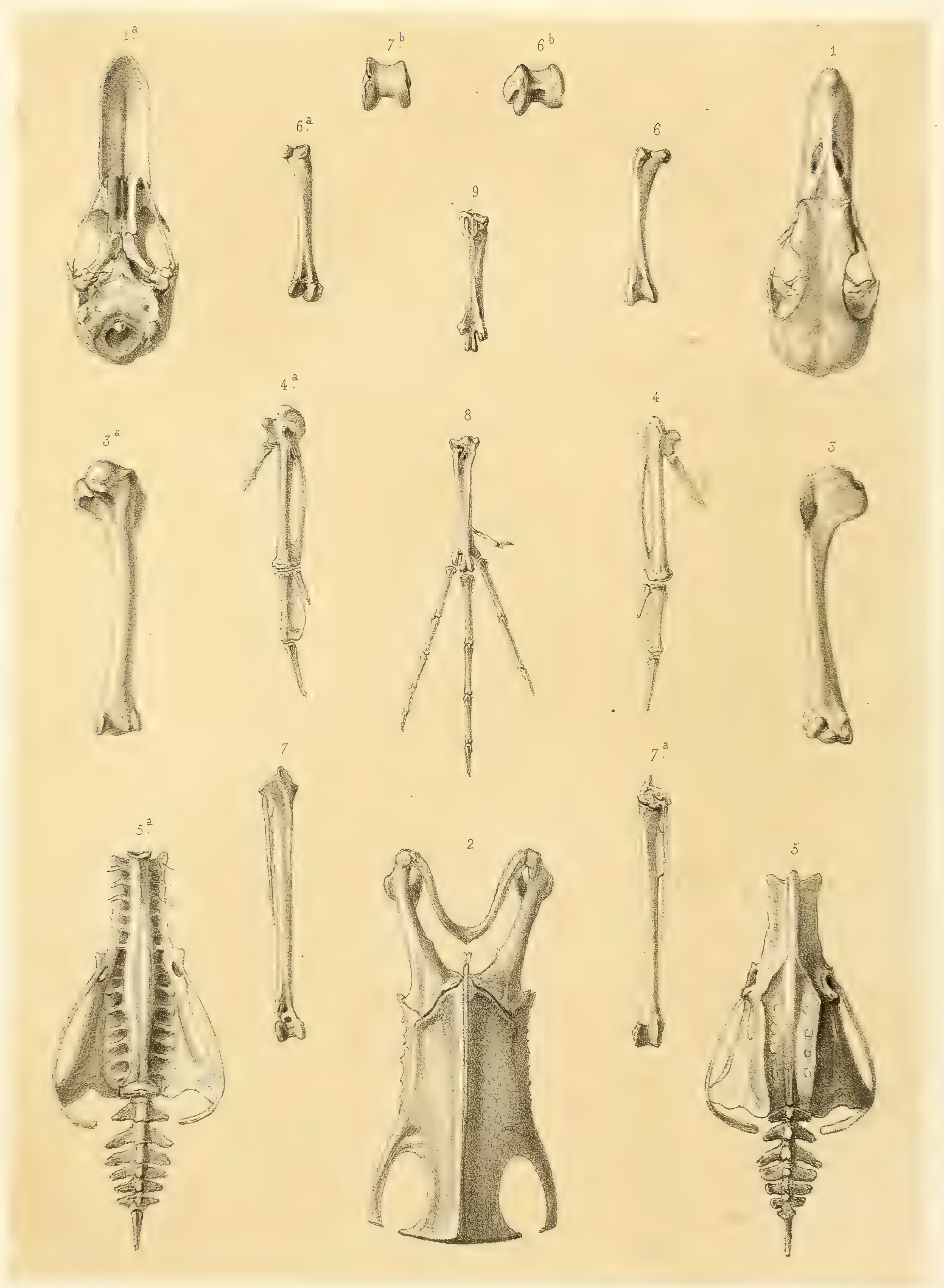
Nettapus auritus.



Lenoeuu lith

Imp. Becquet, Paris

Nettapus auritus.



Louveau lith. Imp. Becquet, Paris.

Nettapus auritus.

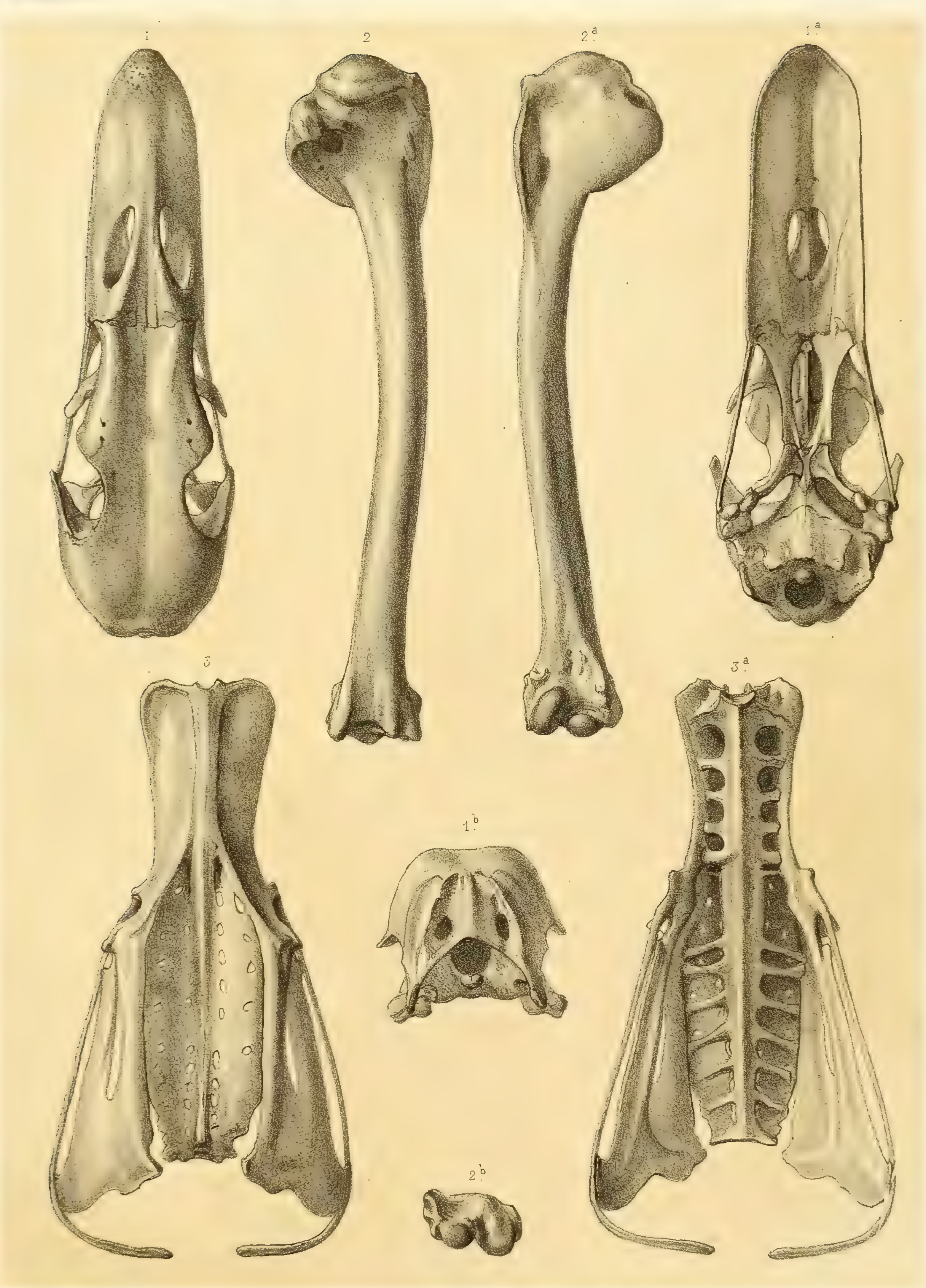




Louveau lith.

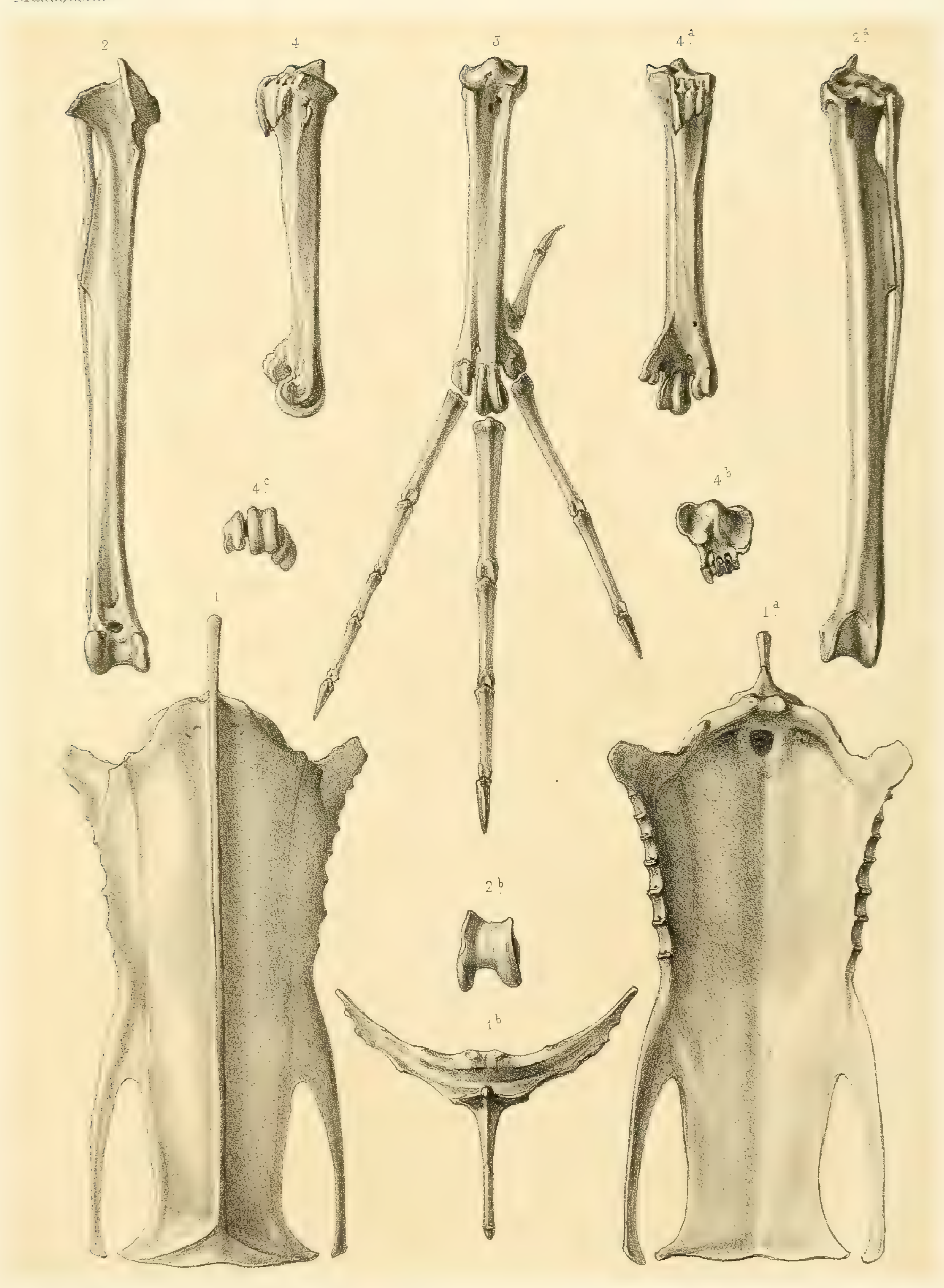
Imp. Becquet, Paris

Sarcidiornis melanotus.



Levreau lith.

Sarcidiornis melanotus.



Imp. Becquet Paris

Sarcidiornis melanotus.



Anas Melleri



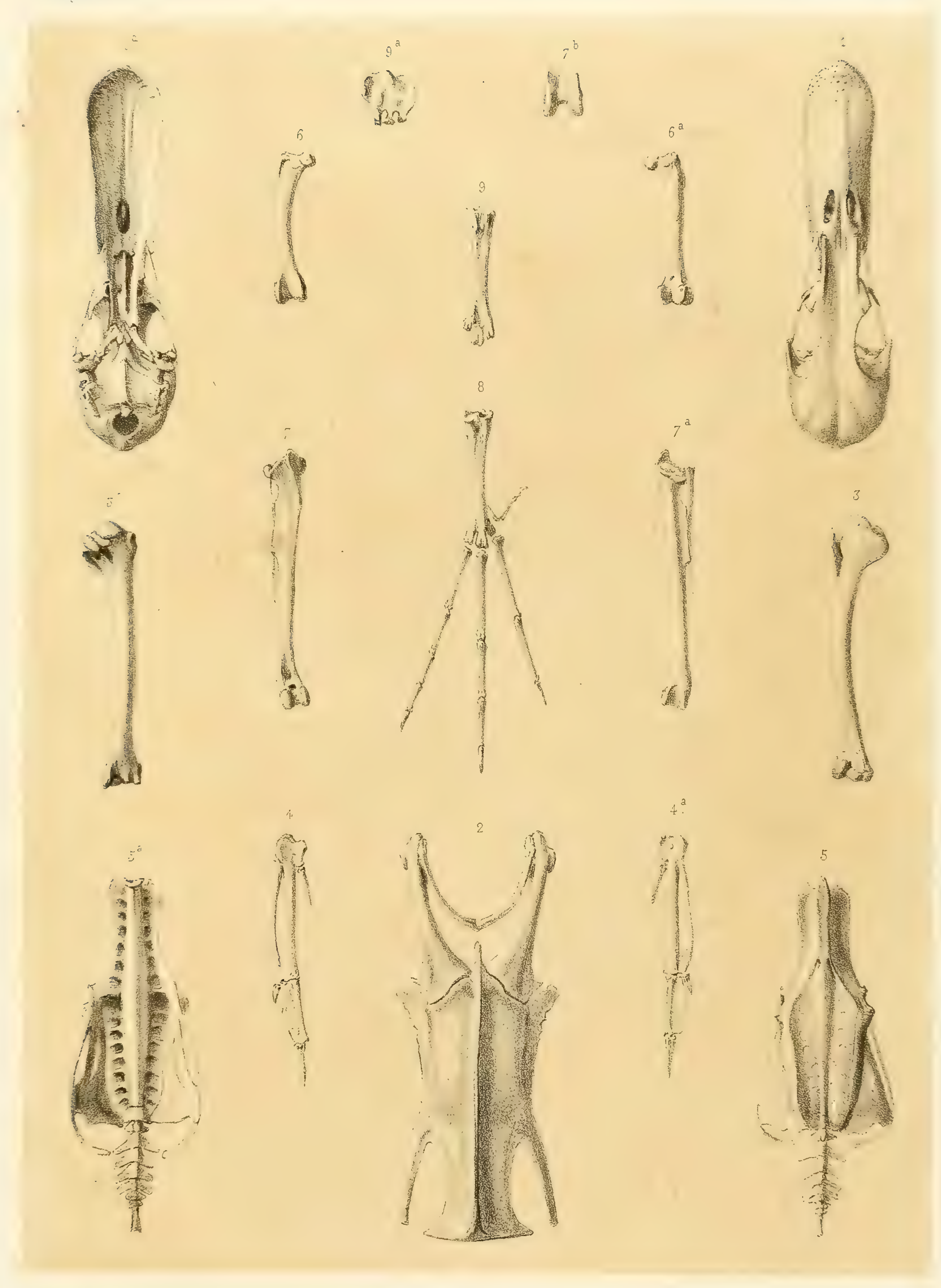
Querquedula gibberifrons, var. Bernieri.





Levreau lith

Anas gibberifrons, var. Bernieri.



Imp Becquet, Paris.

Anas gibberifrons, var. Bernieri.

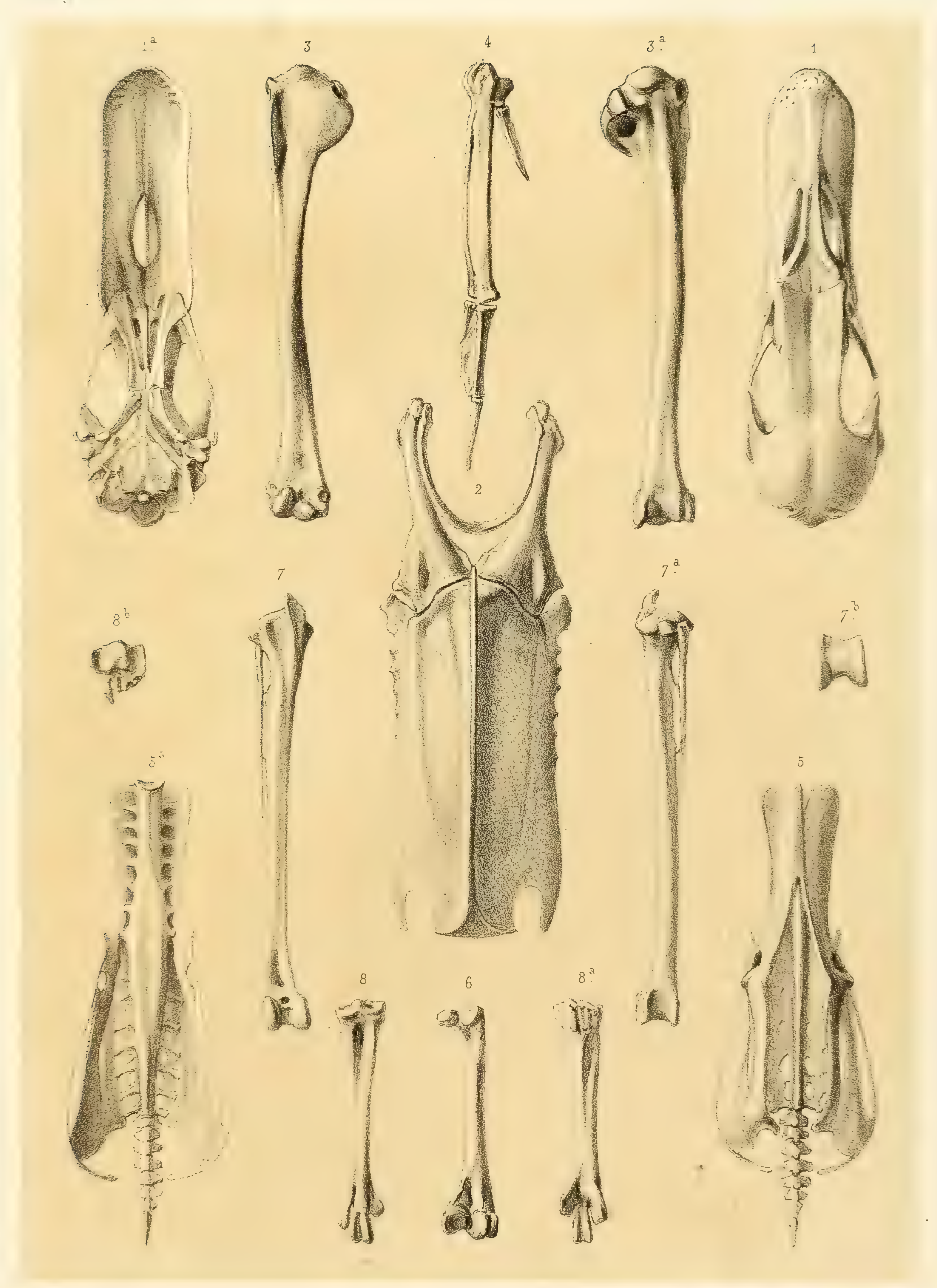


Dendrocygna arcuata, var. major



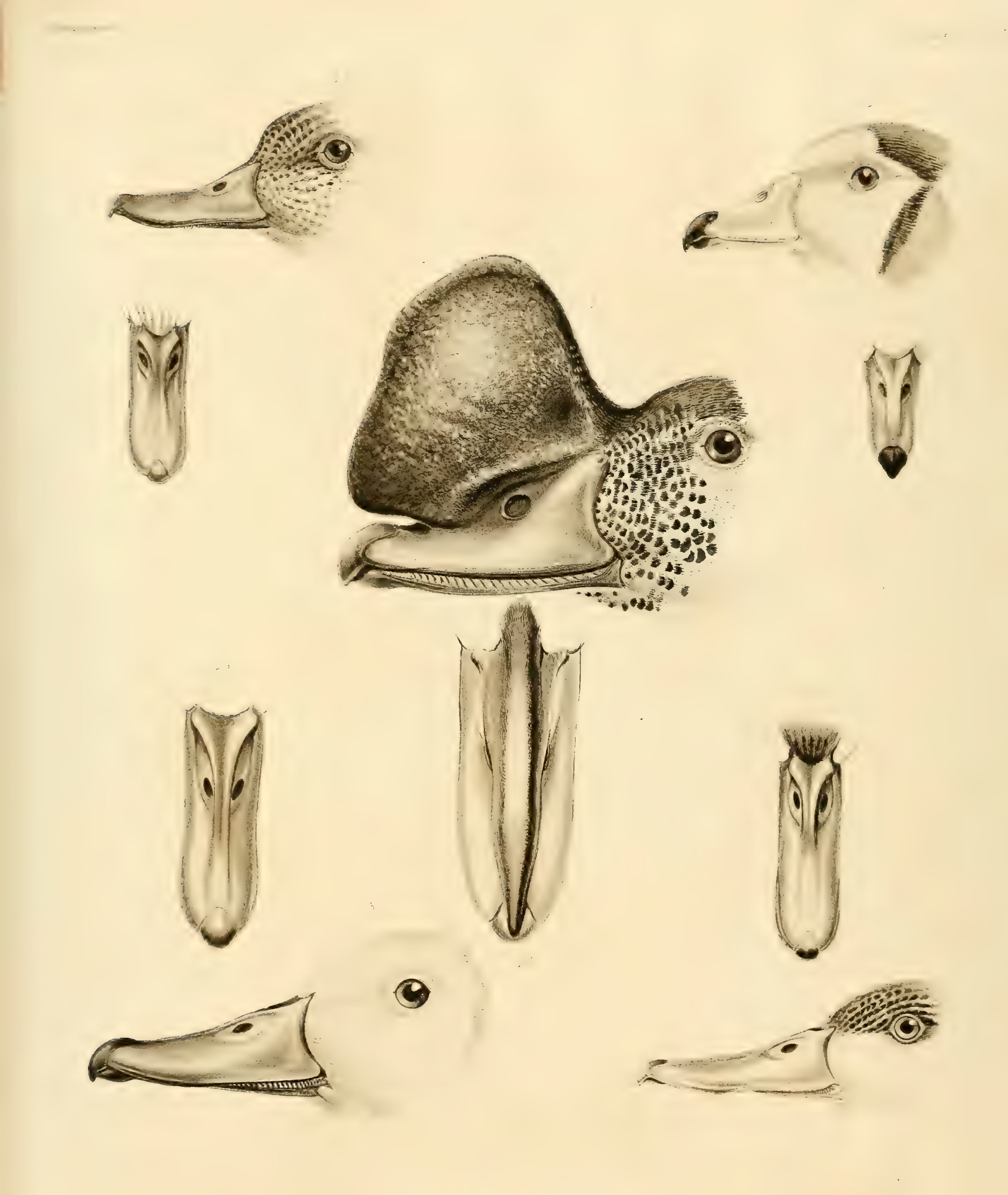


Dendrocygna arcuata, var. major.



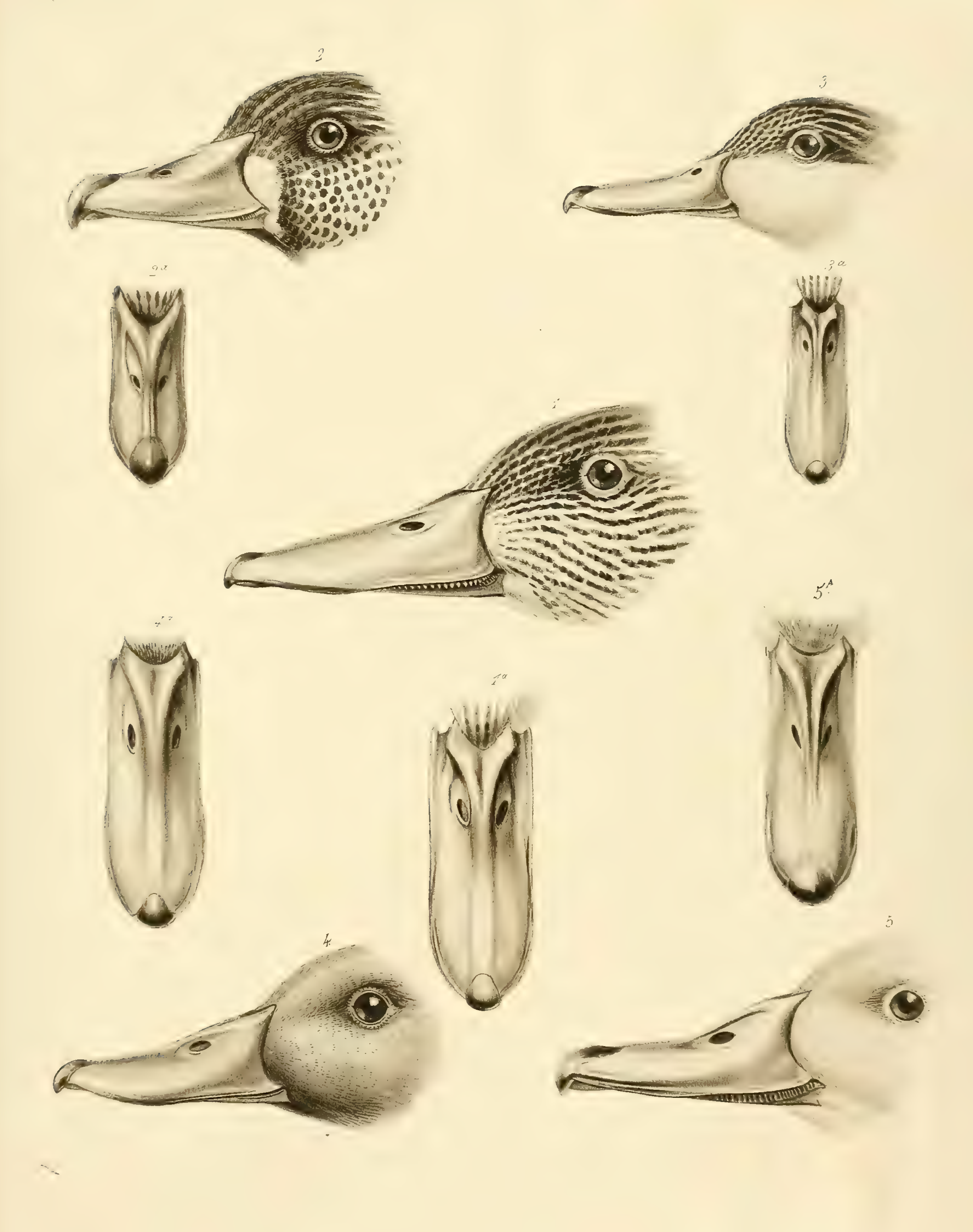
Imp. Becquet, Paris.

Dendrocygna arcuata, var. major.



1. *Sarcidiornis melanotus* _ 2. *Nettapus auritus*. _ 3. *Anas gibberifrons*, var *Bernieri*

4. *Anas erythrorh*[illegible]



Keulemans delt

1. Anas Melleri. _ 2. Thalassornis leuconota. _ 3. Querquedula hottentota.

4. Aythya nyroca. _ 5. Dendrocygna arcuata, var. major.

[illegible]

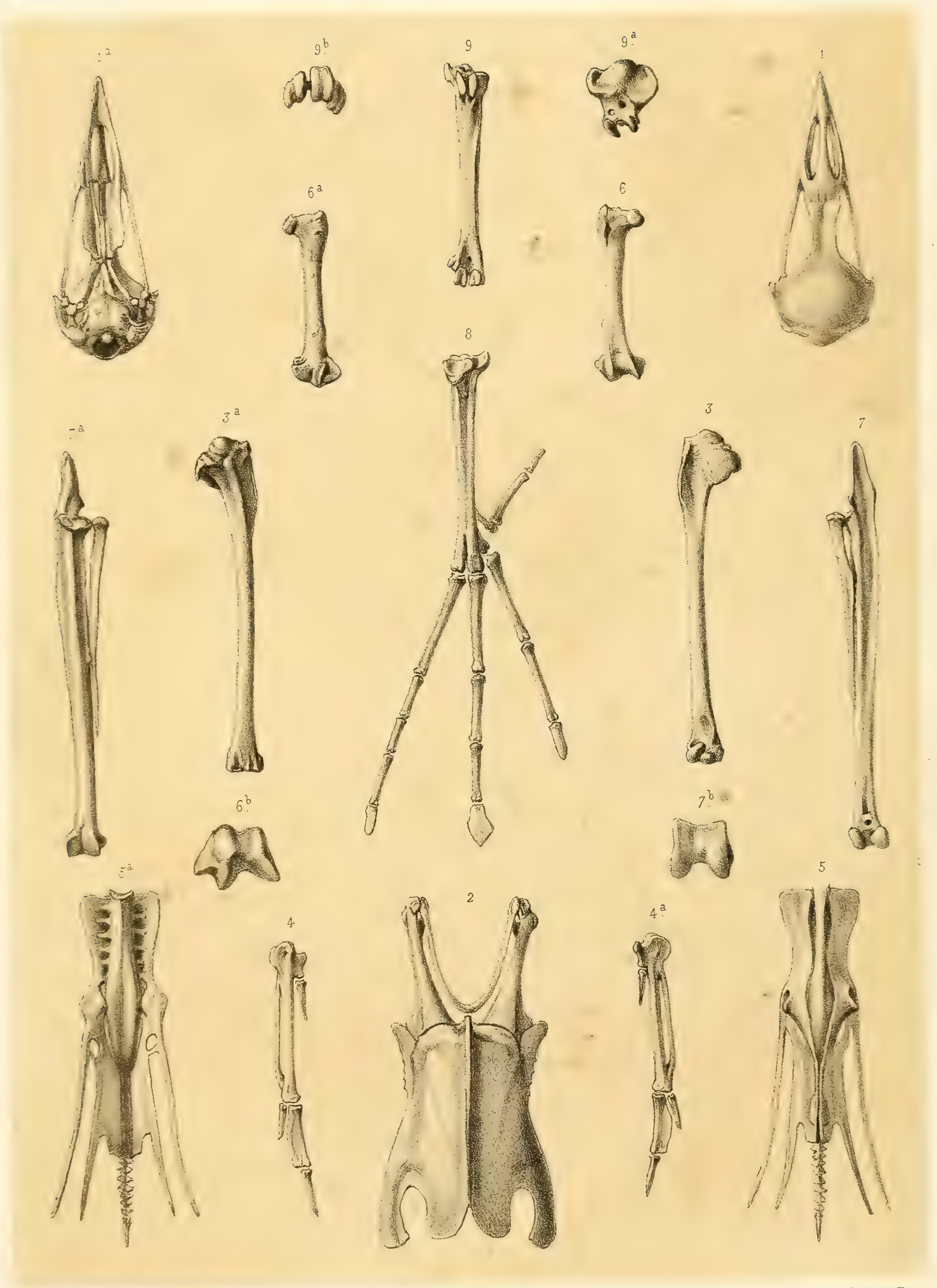
Imp. Becquet Paris

Podiceps Pelzelni.



Lourau lith. Imp. Becquet, Paris

Podiceps Pelzelni.



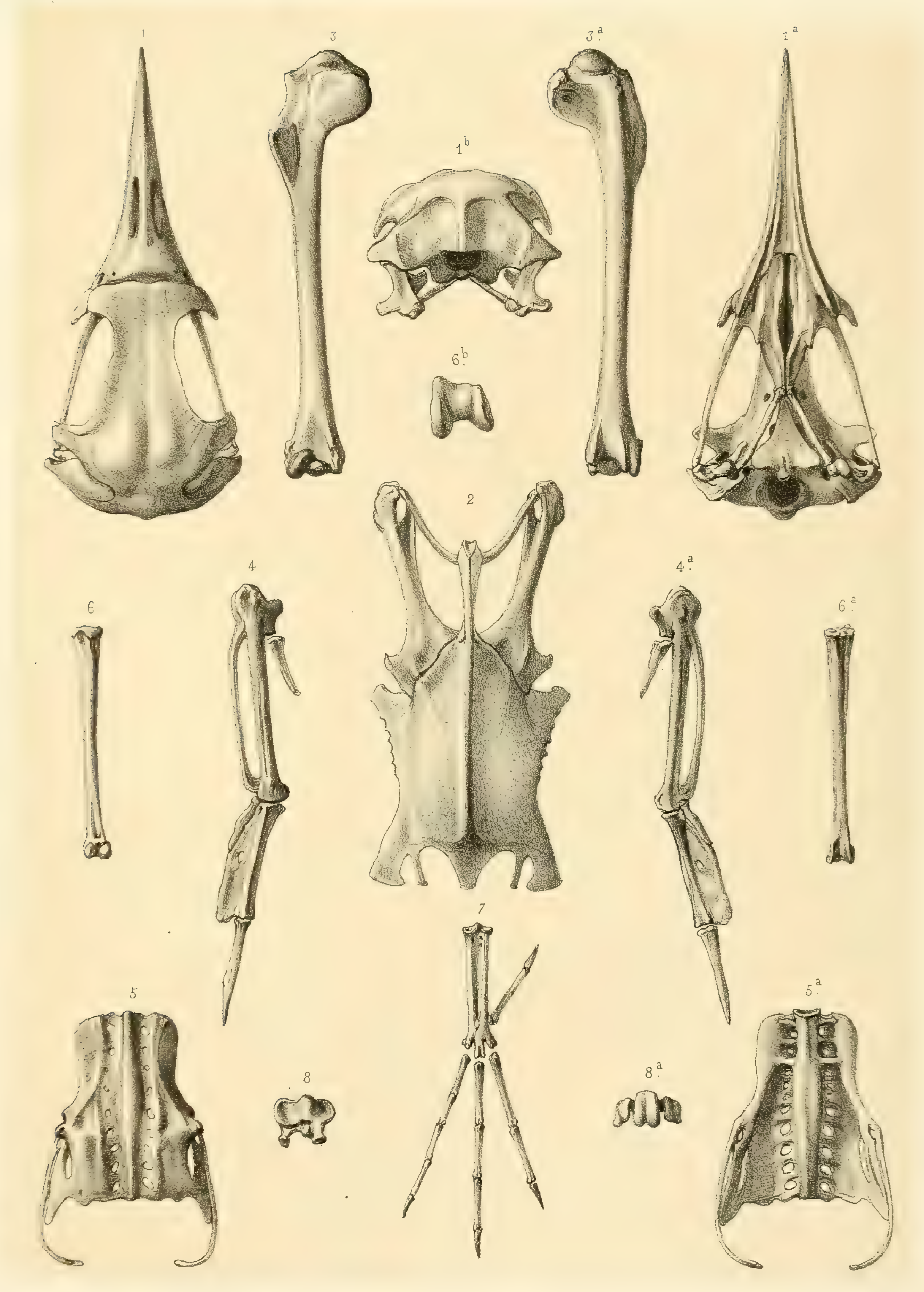
Louveau lith.
Imp. Becquet Paris

Podiceps Pelzelni.



Imp. Becquet Paris.

Phaeton candidus



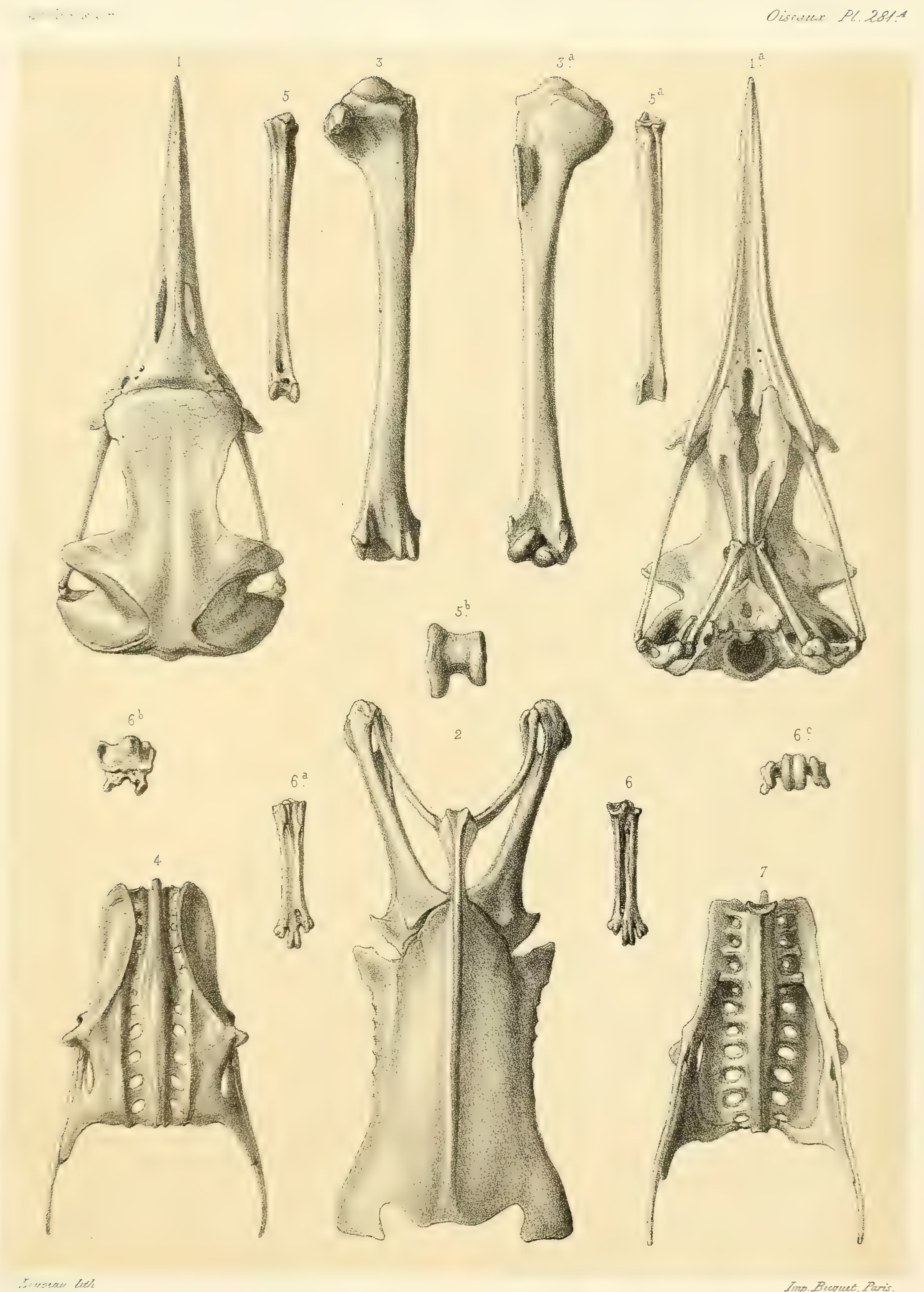
Levreau lith. *Imp. Becquet, Paris*

Phaeton candidus.



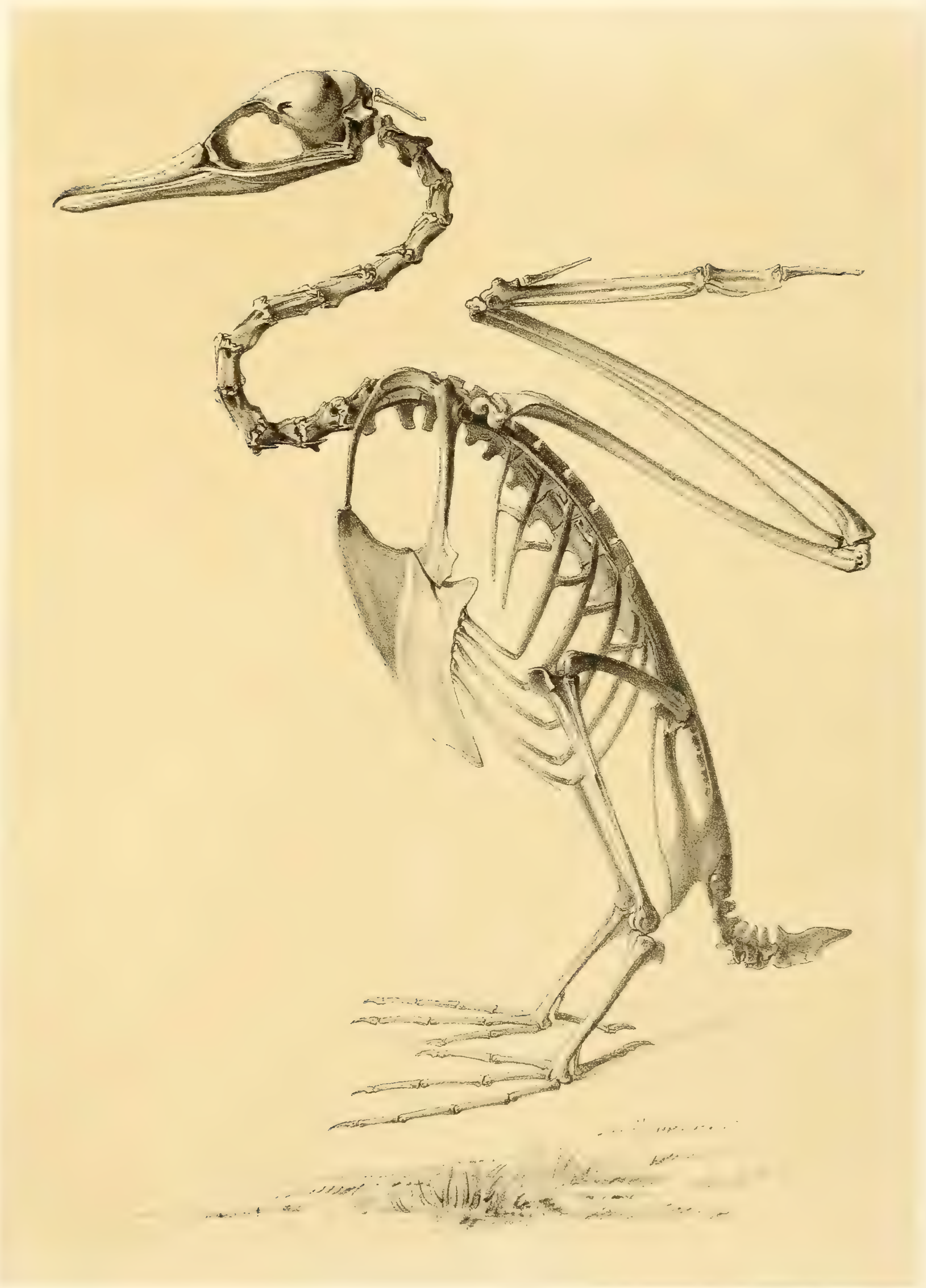
Louveau lith. Imp. Becquet, Paris.

Phaeton rubricauda.



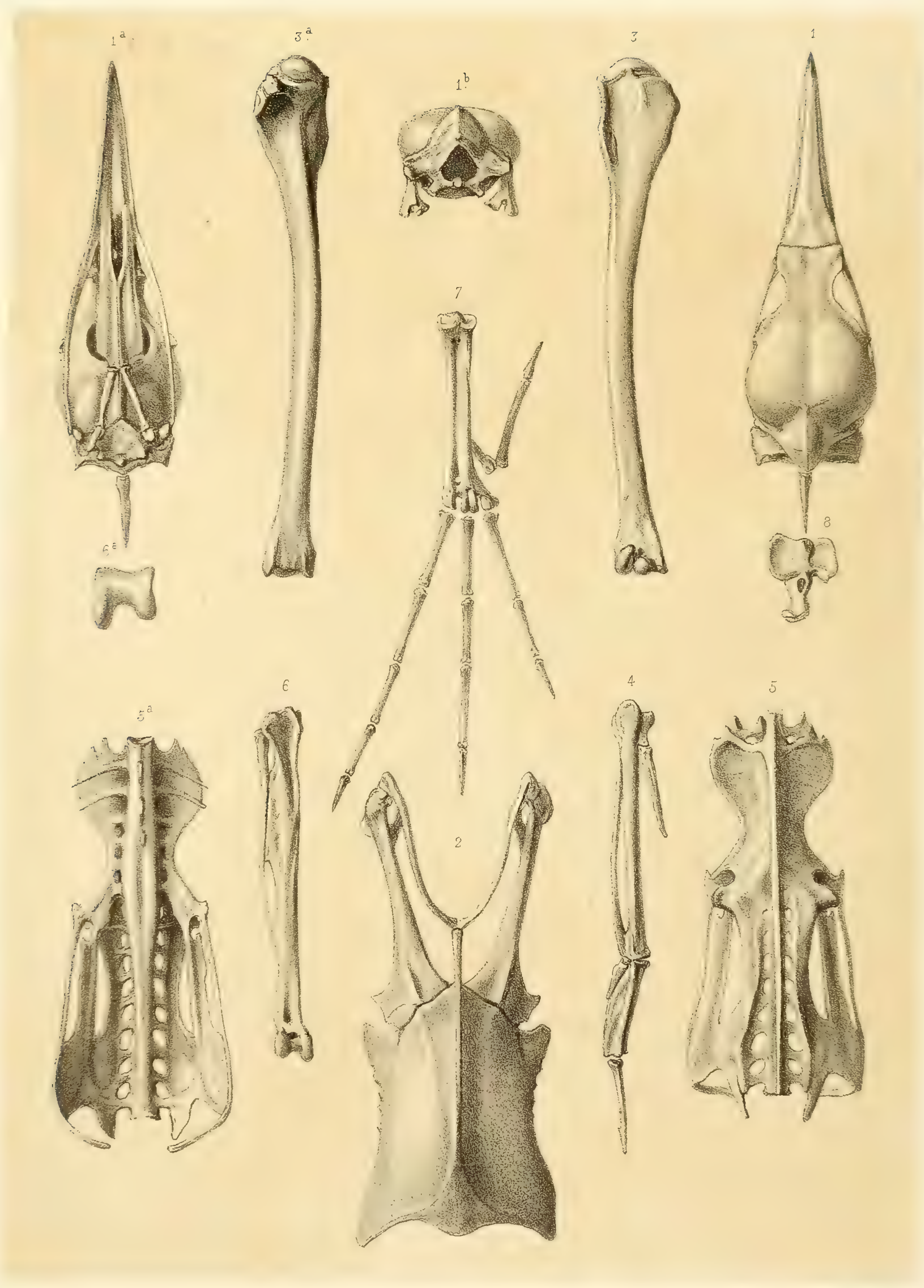
[illegible] lith. Imp. Becquet, Paris.

Phaeton rubricauda.



Louveau lith.

Graculus africanus



[illegible] lith Imp. Becquet, Paris.

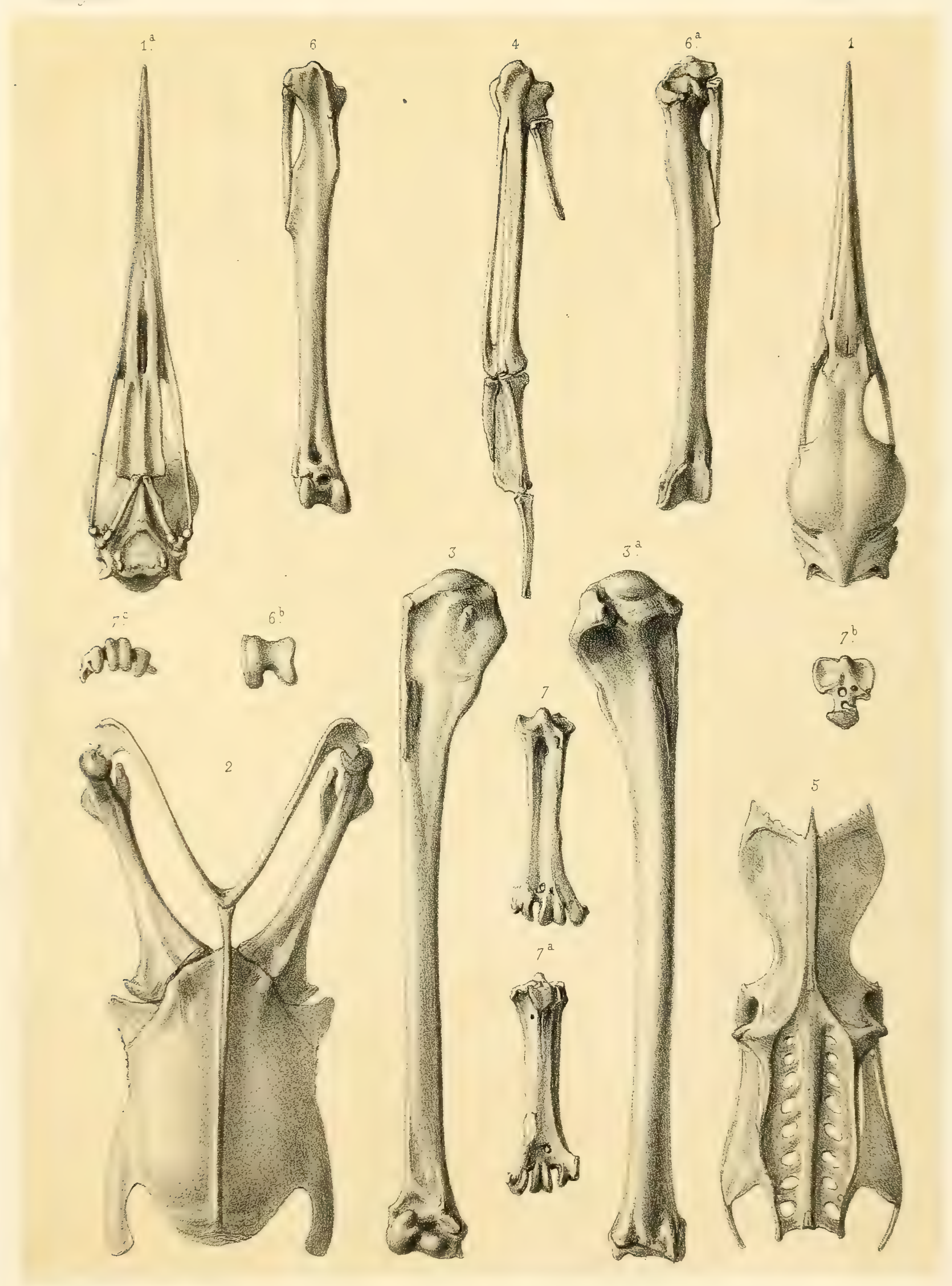
Graculus africanus.



Louveau lith.

Imp. Becquet, Paris.

Plotus melanogaster.



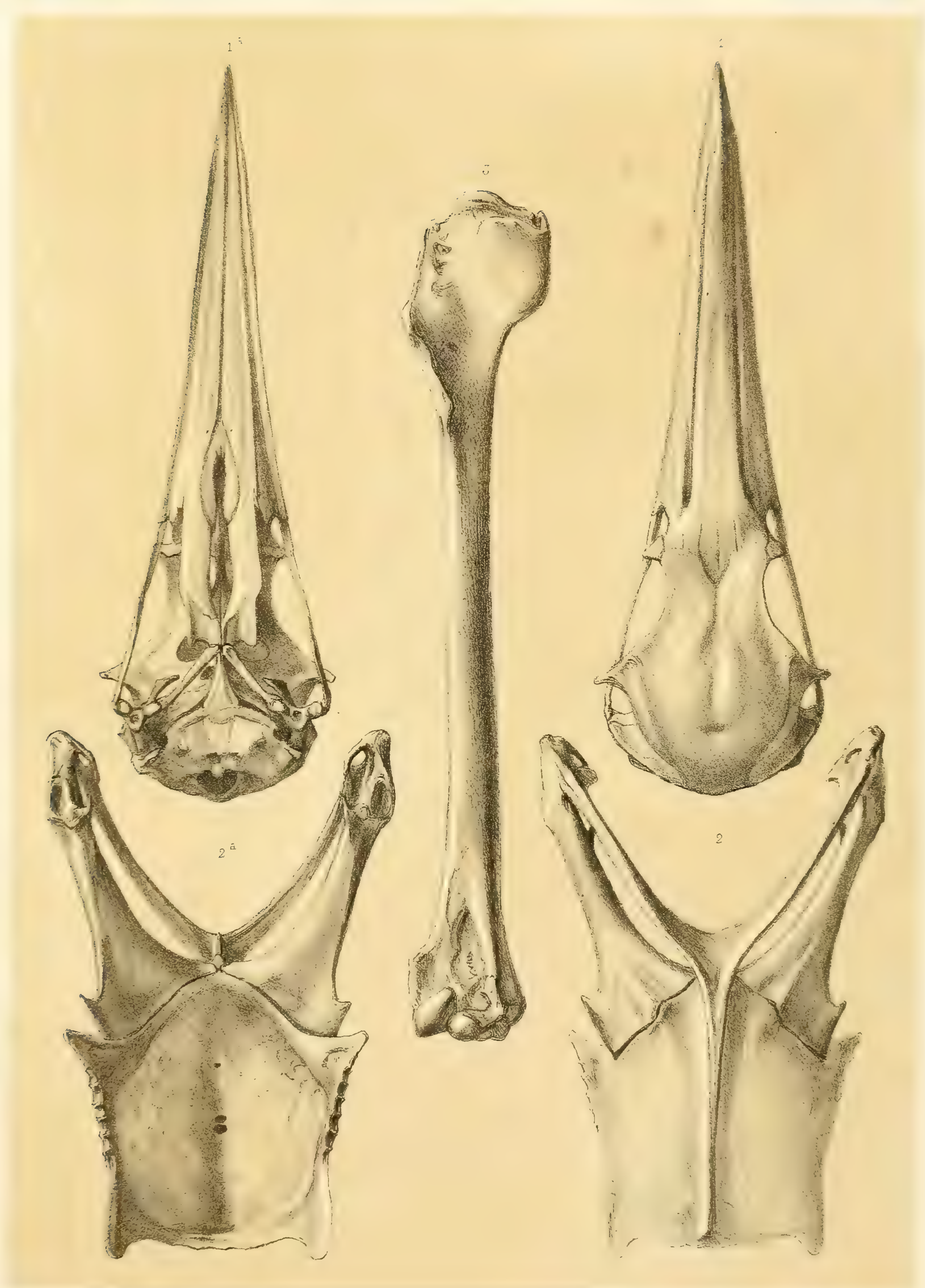
Louveau lith. Imp. Becquet, Paris.

Plotus melanogaster.

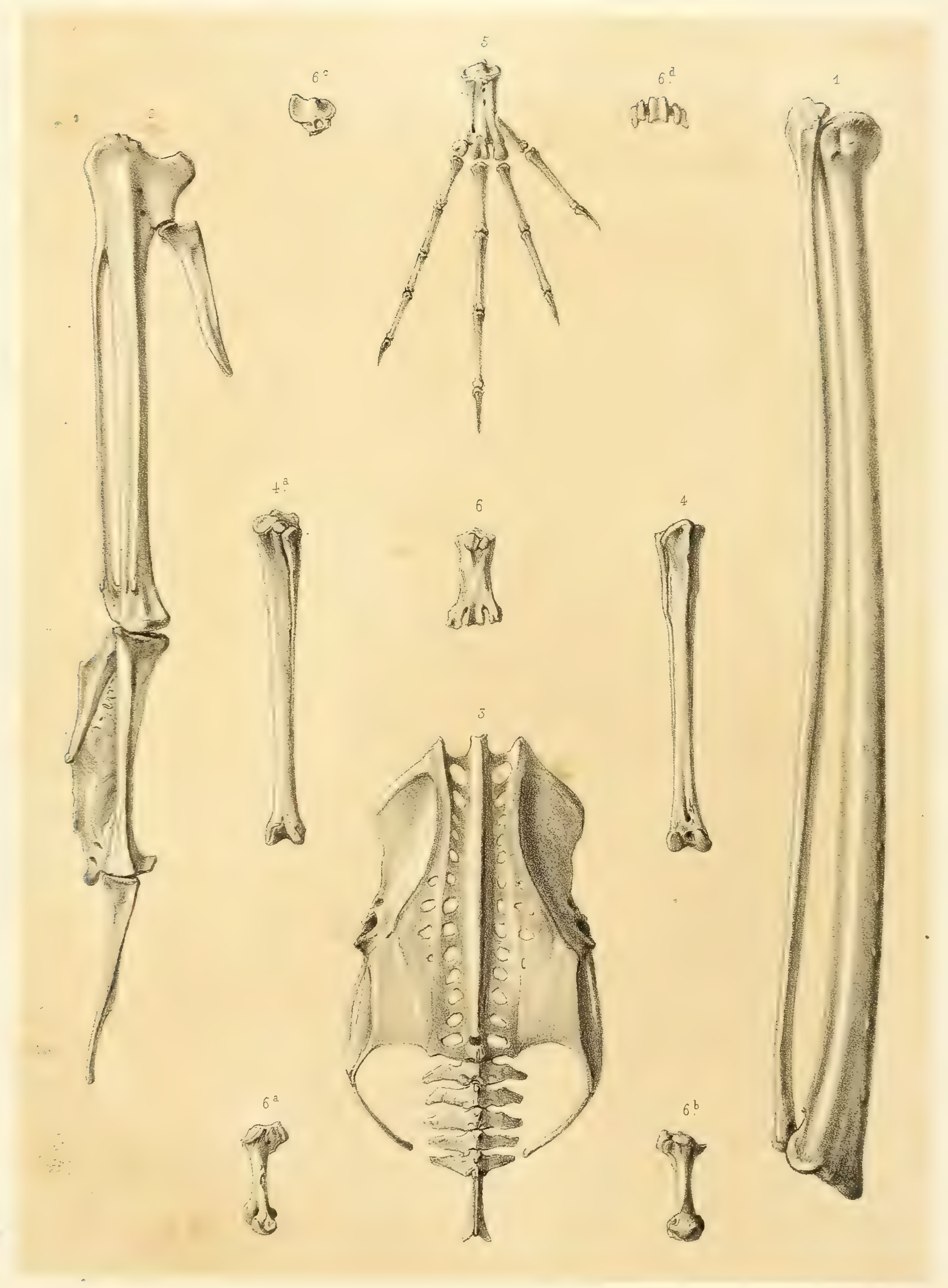


Louvrau lith

Tachypetes minor.



Tachypetes minor.



Louveau lith. Imp. Becquet Paris

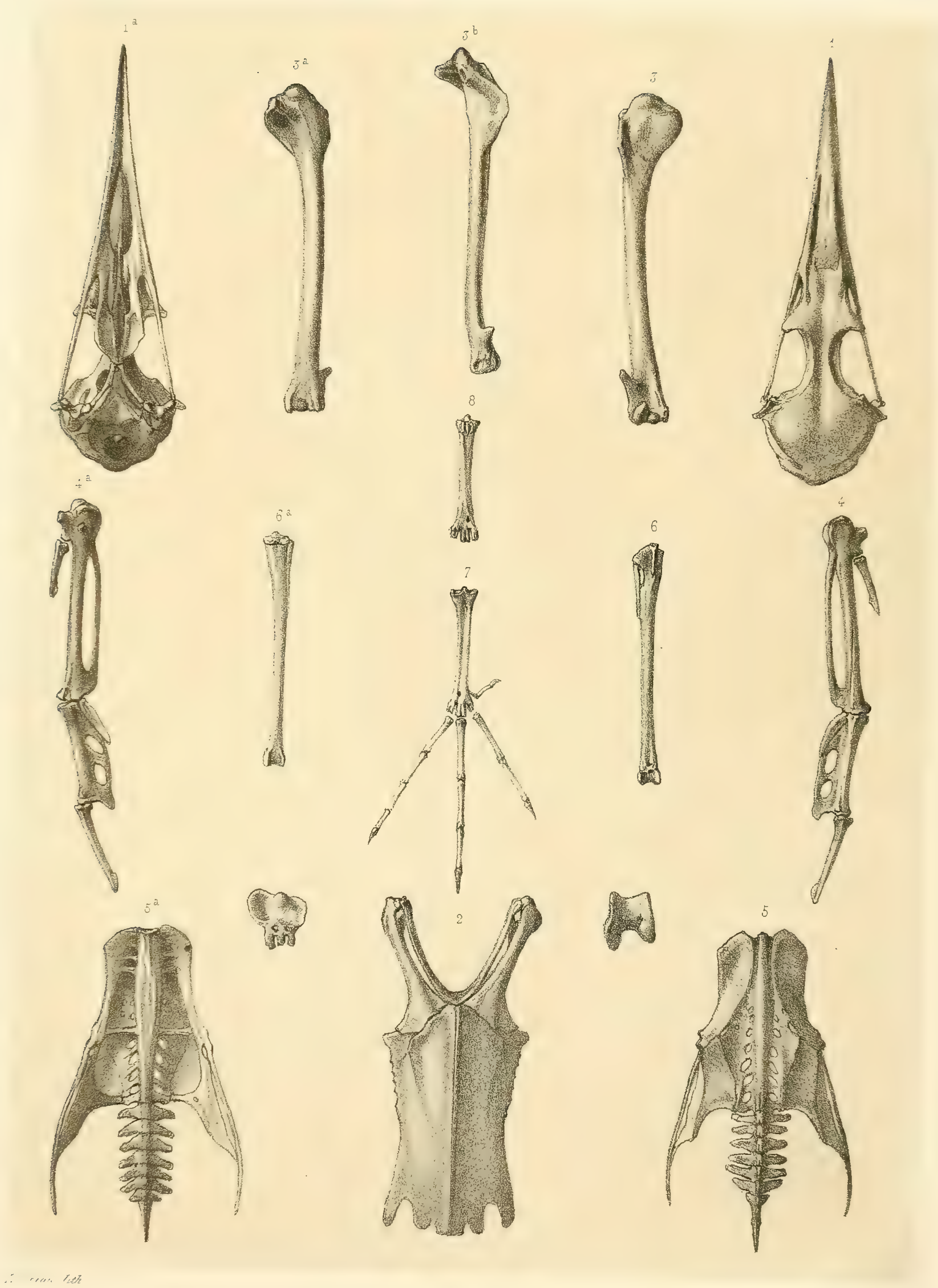
Tachypetes minor.



Louveau lith

Imp. Becquet Paris

Anous stolidus.

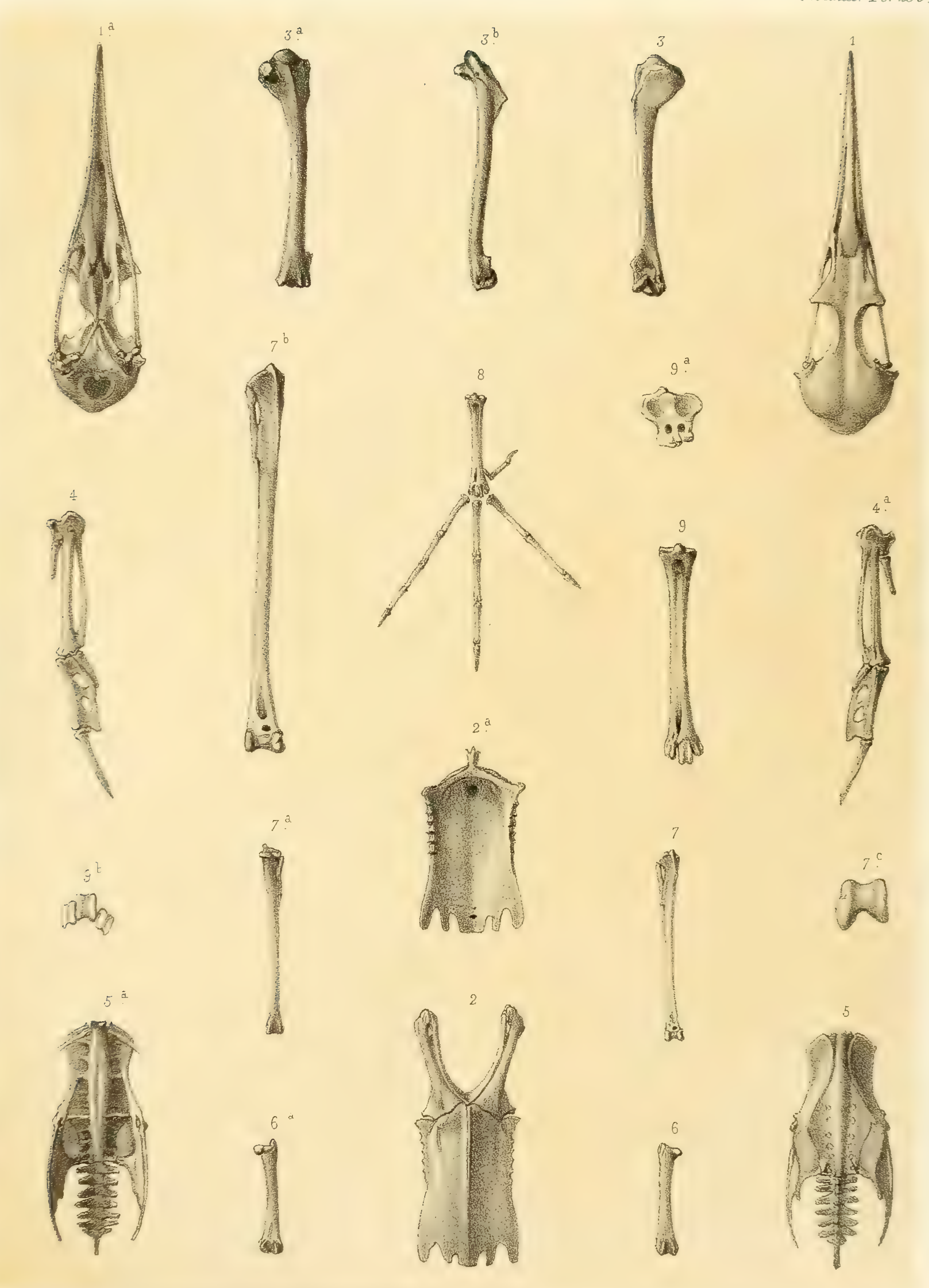


Anous stolidus.



Louveau lith

Anous tenuirostris



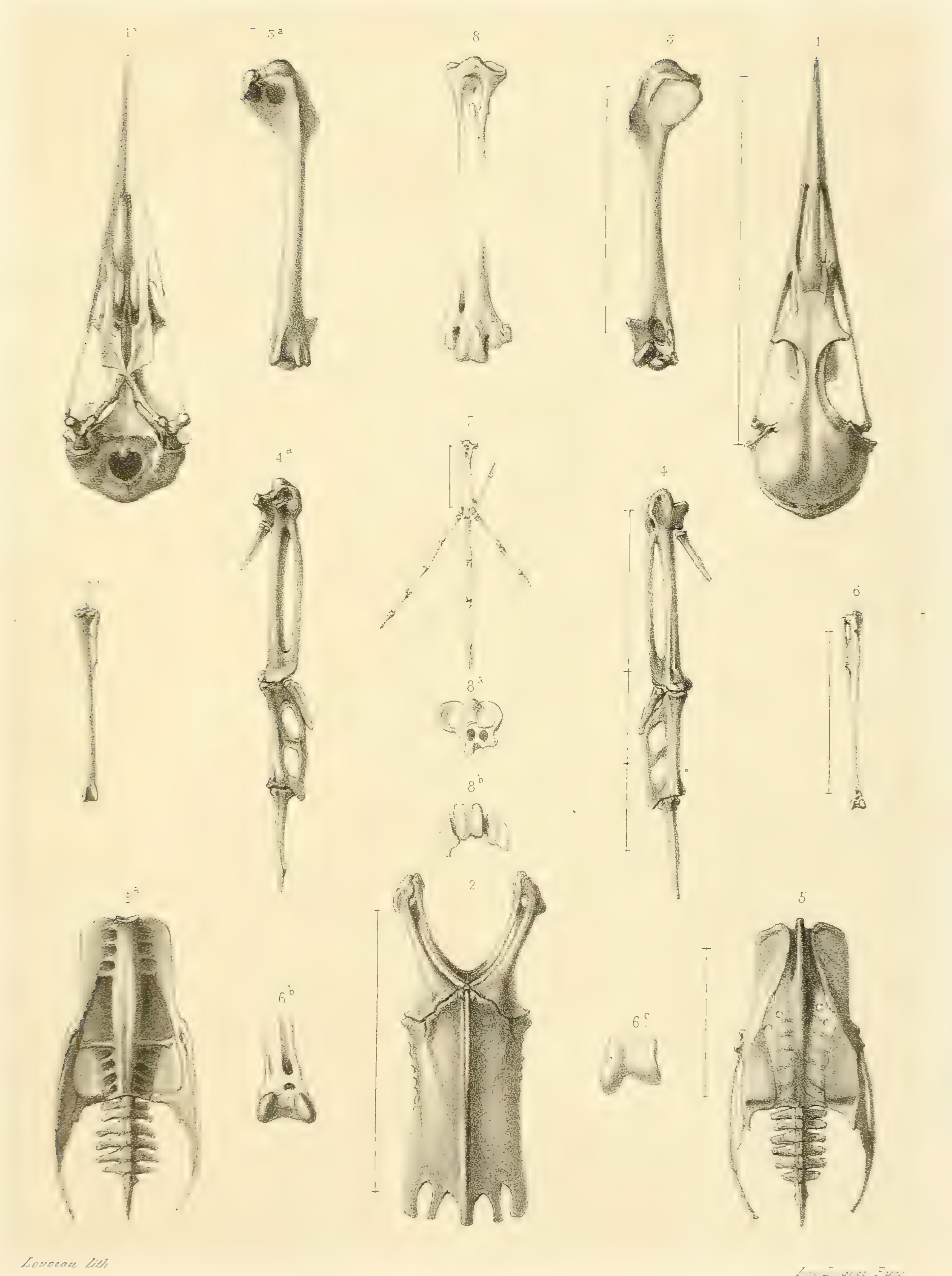
Louveau lith.

Imp. Becquet, Paris

Anous tenuirostris.

Lenoreau lith. Imp. Becquet Paris

Gygis candida.

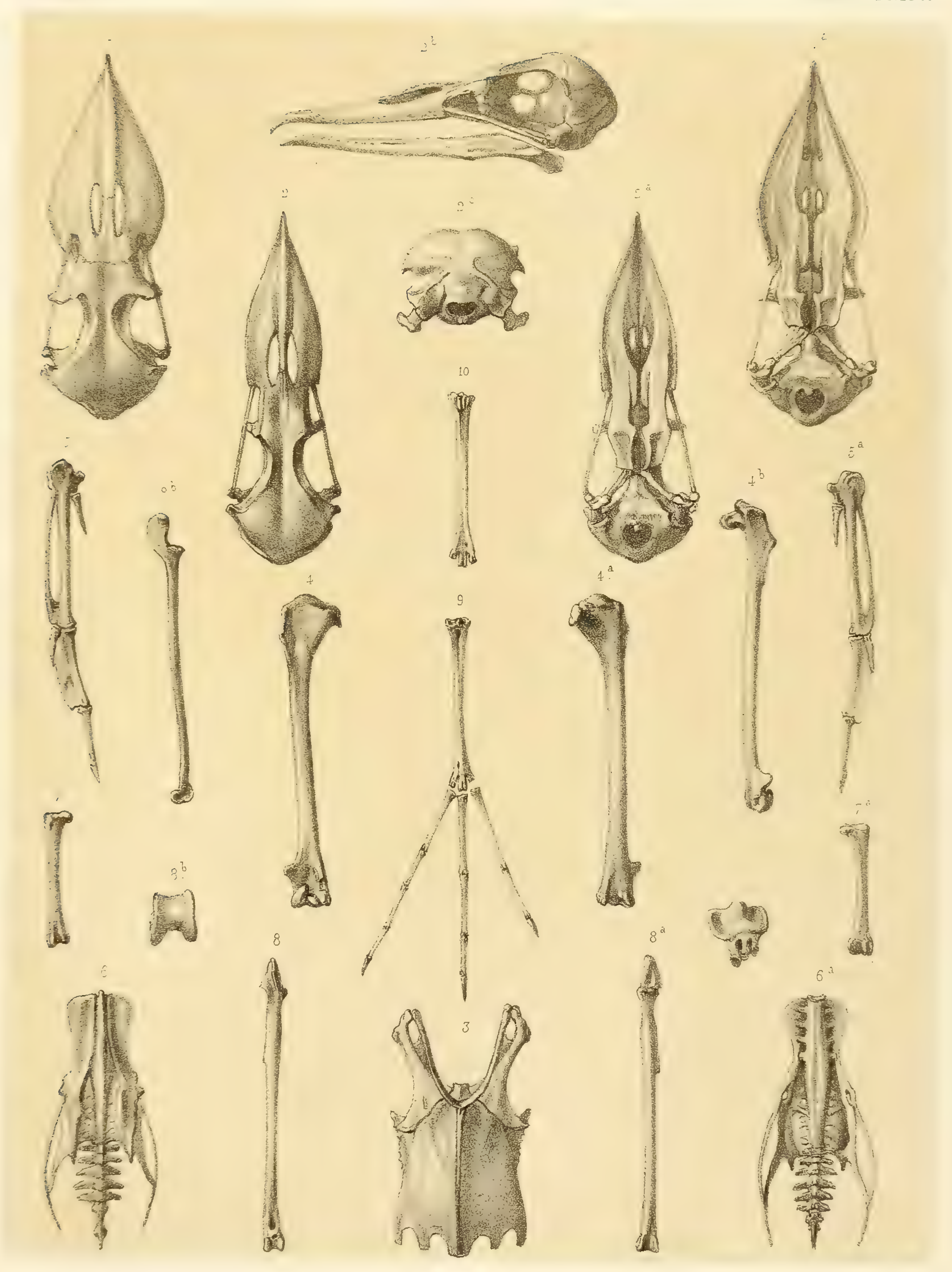


Louveau lith

Gygis alba.



Prion vittatus



uveau lith

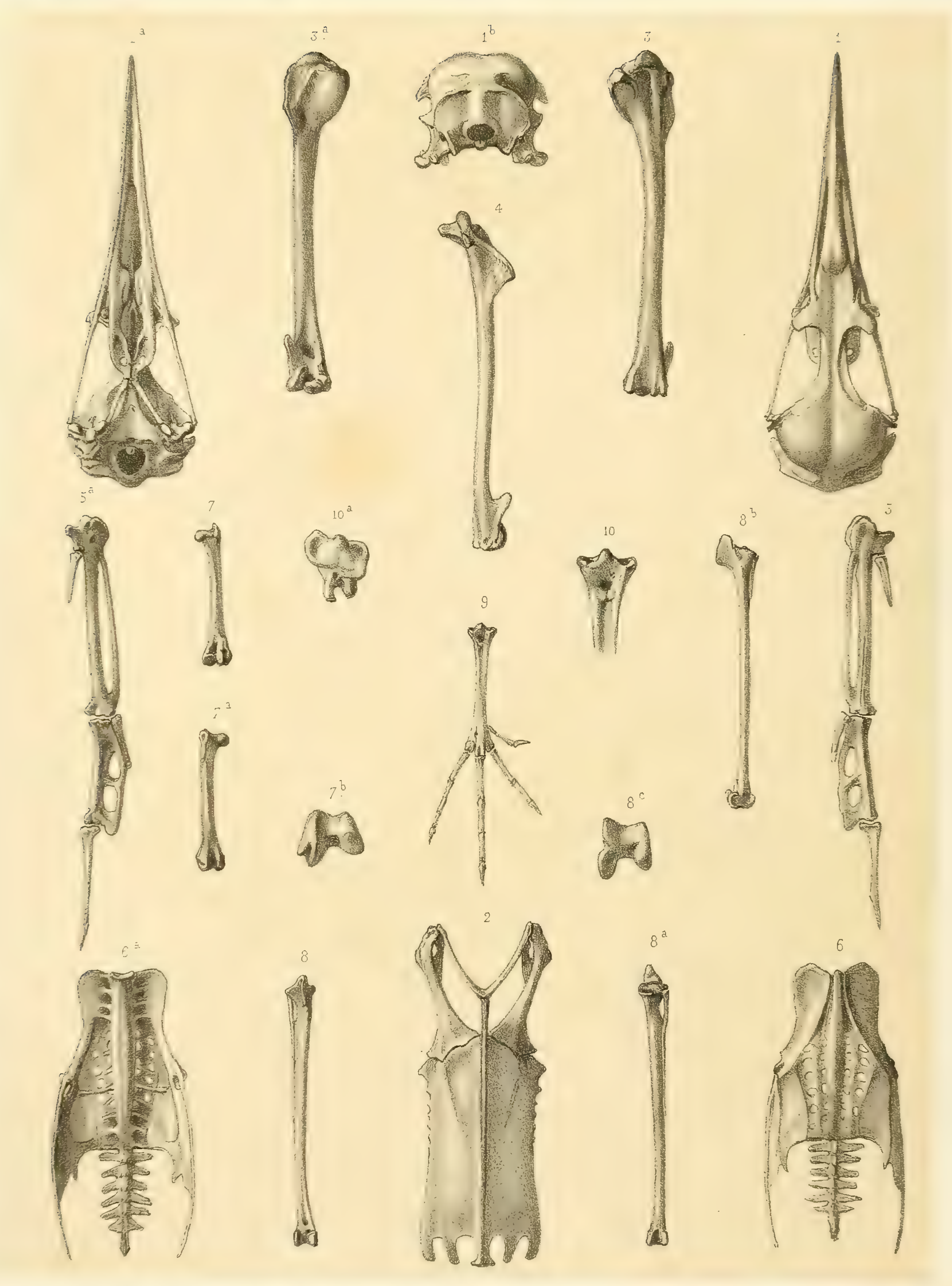
Imp. Becquet Par.

Prion vittatus.



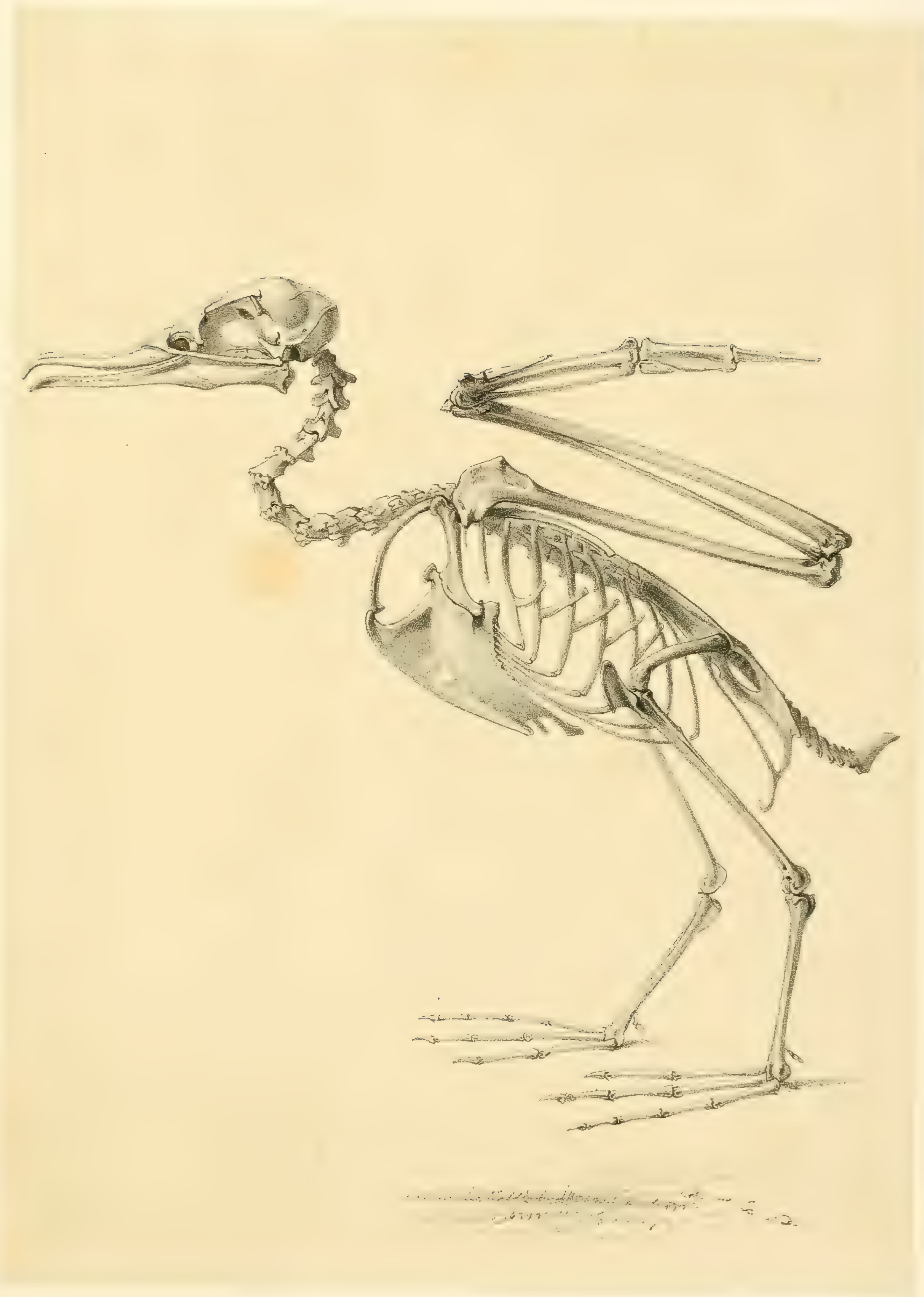
Arnoul lith. Imp. Becquet, Paris

Sterna Bergii.



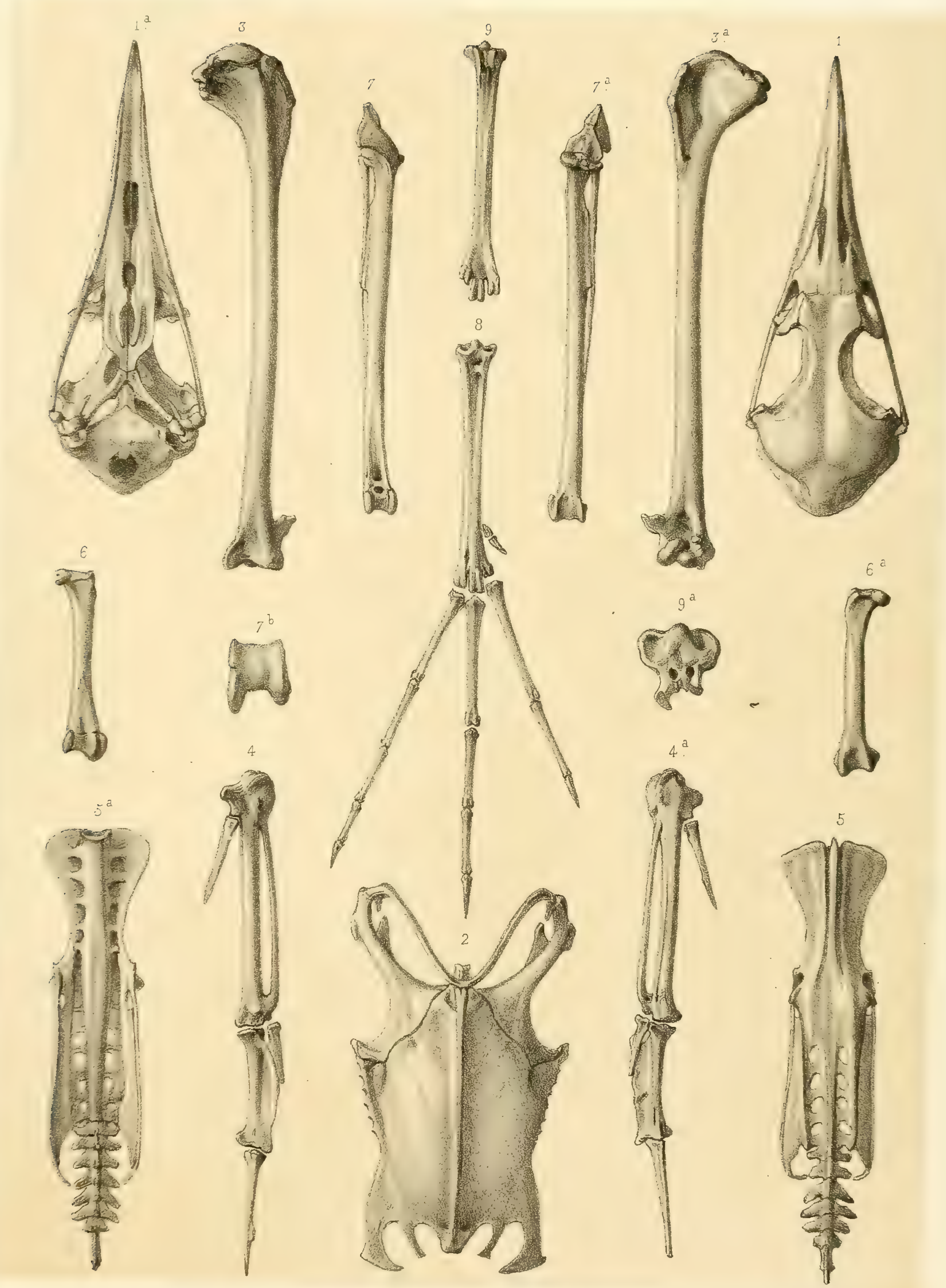
Levreau lith. Imp. Becquet Paris

Sterna Bergii.



Louveau lith. *Imp. Becquet, Paris.*

Puffinus chlororhynchus



Lenoreau lith

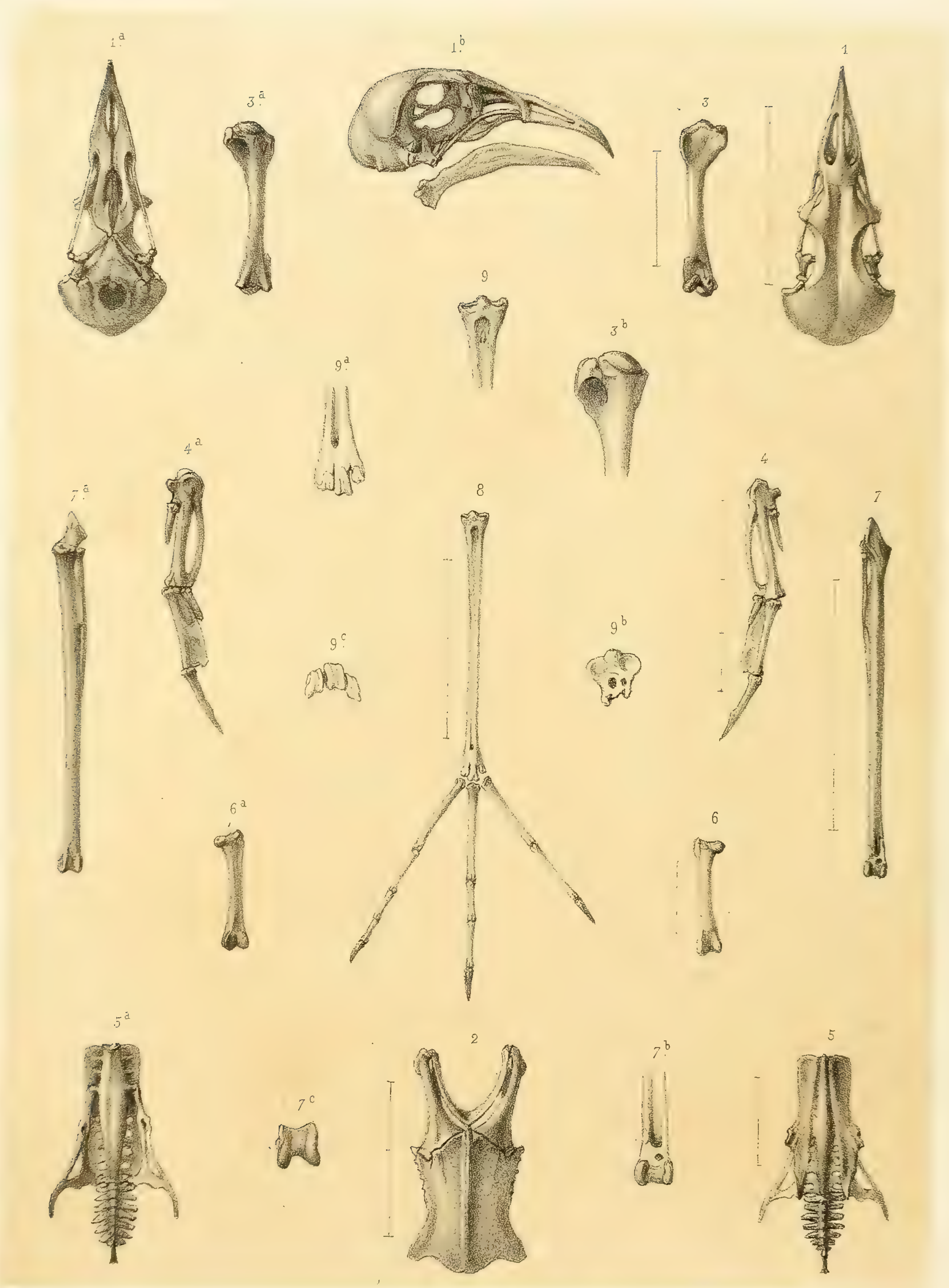
Imp. Becquet, Paris.

Puffinus chlororhynchus.



Louveau lith. Imp. Becquet, Paris.

Thalassidroma oceanica.



Imp. Becquet, Paris.

Thalassidroma oceanica.



Imp. Becquet, Paris.

1. *Coracopsis obscura.* — 2. *C. nigra.* — 3. *Tinnunculus Newtonii.* — 4. *Milvus korschun.*
5. *Buteo brachypterus.* — 6. *Astur Francesii.* — 7. *Strix flammea.* — 8. *Scops manadensis.*



Imp Becquet Paris

1. Coua cristata._2. C. gigas._3. C. olivaceiceps._4. Centropus madagascariensis._5. Cypselus parvus._6. Collocalia francica. 7. Caprimulgus madagascariensis._8. Eurystomus glaucurus._9. Brachypteracias pittoides._10. Nectarinia souimanga. 11. N. notata. 12. Corythornis cristatus._13. Merops superciliosus._14. Philepitta castanea. 15. Zosterops madagascariensis. 16. Eroessa tenella._17. Hartlaubius madagascariensis._18. Bernieria zosterops._19. Mystacornis Crossleyi.



Imp. Becquet, Paris

1. Ellisia typica. — 2. E. Lantzii. — 3. Cisticola madagascariensis. — 4. Calamodyta Newtonii. — 5. Pratincola torquata.
6. Motacilla flaviventris. — 7. Copsychus albospecularis. — 8. C. pica. — 9. Hypsipetes madagascariensis. — 10. Geopelia striata.
11. Turtur picturatus. — 12. Vinago australis. — 13. Funingus madagascariensis.



1 *Terpsiphone mutata* _ 2 *Dicrurus forficatus* _ 3 *Leptopterus chabert* _ 4 *Campephaga cinerea*
5 *Vanga curvirostris* 6 *Corvus scapulatus* _ 7 *Ploceus sakalava* 8 *Pl. pensilis* 9 *F. madagascariensis.*
10 *Spermestes nana* 11 *Alauda hova*





1. *Margaroperdix striata.* — 2. *Coturnix communis.* — 3. *Turnix nigricollis.* — 4. *Numida tiarata.*
5. *Charadrius marginatus, var. tenellus.* — 6. *Anastomus madagascariensis.* — 7. *Platalea Telfairii.*
8. *Ardea purpurea.* — 9. *A. bubulcus.* — 10. *A. comata.* — 11. *A. melanocephala*



Imp. Becquet Paris

1. *Rallus madagascariensis.* — 2. *R. gularis.* — 3. *Canirallus griseofrons.* — 4. *Ortygometra pygmæa.*
5. *Gallinula chloropus, var. pyrrhorrhoa.* — 6. *Porphyrio smaragnotus.* — 7. *Glareola ocularis.*
8. *Gallinago nigripennis, var. Bernieri.* — 9. *Rhynchæa capensis.* — 10. *Sterna viridis.*



1. *Nettapus auritus.* — 2. *Sarcidiornis melanotus.* — 3. *Anas Melleri.* — 4. *Dendrocygna viduata.*
5. *Phaëton candidus.* — 6. *Ph. rubricauda.*





1. *Graculus africanus.* — 2. *Sula piscator.* — 3. *Anous tenuirostris.* — 4. *An. stolidus.* — 5. *Gygis candida.*
6. *Sterna anæstheta.* — 7. *St. fuliginosa.* — 8. *Puffinus chlororhynchus.*